

Converting Colors

XYZ(97.9955, 95.9994,
164.1682)

Have a look what the booklet for
XYZ(97.9955, 95.9994, 164.1682)
contains.

XYZ(87.2814, 91.8323, 107.7329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.2814, 91.8323,
107.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F6FF
RGB	241, 246, 255
RGB Percent	95%, 96%, 100%
CMY	0.0549, 0.0353, 0.0000
CMYK	0.05, 0.04, 0.00, 0.00
HSL	219°, 100%, 97%
HSV	219°, 5%, 100%
XYZ	87.2814, 91.8323, 107.7329
YIQ	245.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

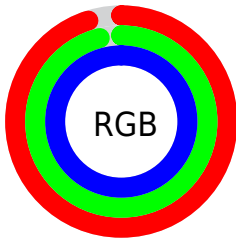
Format	Color
R _Y B	241, 245, 255
Decimal	15857407
CIE Lab	96.75, -0.00, -4.89
CIE LCh	97, 4.894, 269.947
Yxy	91.8323, 0.3043, 0.3201
Android (android.graphics.Color)	4294047487 (0xFFFF1F6FF)
YUV	245.5310, 4.6682, -3.9737
Hunter-Lab	95.8292, -5.1229, 0.4255

Details

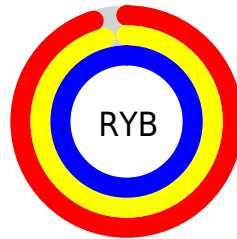
The XYZ color **87.2814, 91.8323, 107.7329** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.3019, 95.9799, 96.9345**, and the grayscale version is **87.1878, 91.7283, 99.8921**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6141, 51.2184, 60.7500** is the 20% darker color. If you saturate the color by 10%, you get **74.4134, 78.1260, 105.7656**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

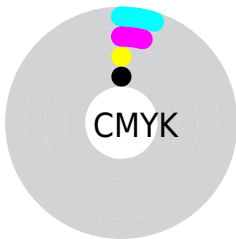
Distribution



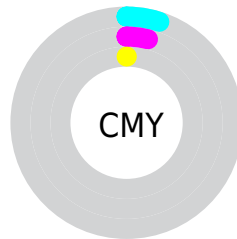
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2814, 91.8323, 107.7329 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.2814, 91.8323, 107.7329 by changing the saturation by 10% instead.

87.2814, 91.8323,
107.7329

87.2814, 91.8323,
107.7329

507.5178,
533.9734, 606.1678

66.0569, 69.5013,
82.1213

142.4539,
149.8809, 173.8883

48.5865, 51.1201,
60.9292

177.1327,
186.3674, 215.2692

34.5047, 36.3042,
43.7378

217.0270,
228.3412, 262.7437

23.4463, 24.6692,
30.1288

262.5021,
276.1867, 316.7302

15.0459, 15.8308,
19.6835

313.9233,
330.2882, 377.6473

8.9382, 9.4045,
11.9834

371.6561,

4.7577, 5.0060,

391.0303, 445.9136

6.6100

436.0658,
458.7972, 521.9476

■ 2.1391, 2.2508,
3.1447

■ 0.7103, 0.7475,
1.1690

■ 87.2814, 91.8323,
107.7329

■ 87.2814, 91.8323,
107.7329

■ 74.4134, 78.1260,
105.7656

95.0500, 100.0000,
108.9000

■ 63.1393, 65.8747,
103.9950

■ 53.3961, 55.0309,
102.4155

■ 45.1133, 45.5402,
101.0202

■ 38.2148, 37.3441,
99.8017

■ 32.6170, 30.3795,
98.7525

■ 28.2264, 24.5769,
97.8639

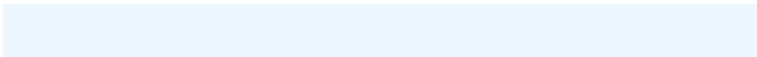
■ 24.9354, 19.8581,
97.1265

■ 22.6133, 16.1317,
96.5296

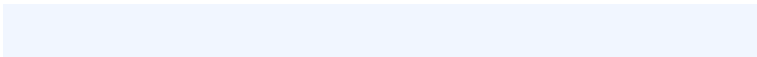
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9700, 91.8323, 106.6695



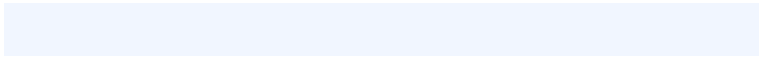
87.2814, 91.8323, 107.7329



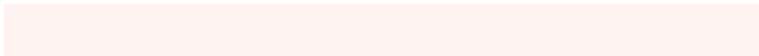
88.6067, 91.8323, 106.6768

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2814, 91.8323, 107.7329



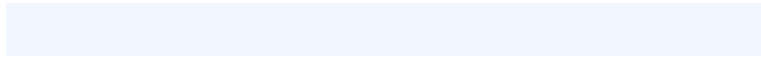
89.5886, 91.8323, 96.2673



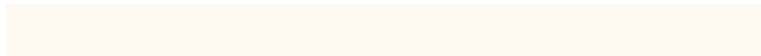
85.0214, 91.8323, 96.2555

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



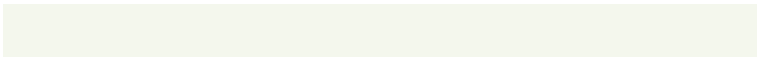
87.2814, 91.8323, 107.7329



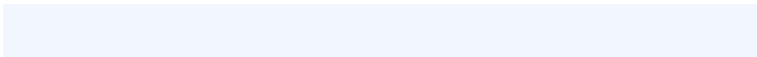
91.3019, 95.9799, 96.9345

Split Complementary

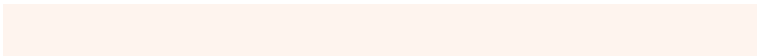
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9742, 91.8323, 93.5882



87.2814, 91.8323, 107.7329



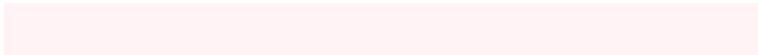
88.6110, 91.8323, 93.5949

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2814, 91.8323, 107.7329



89.9472, 91.8323, 99.9968



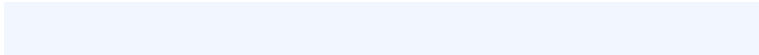
87.2863, 91.8323, 92.6268



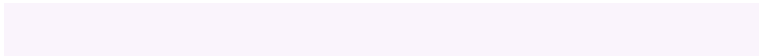
84.6736, 91.8323, 99.9828

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



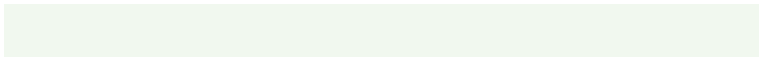
87.2814, 91.8323, 107.7329



89.3177, 91.8323, 104.9282



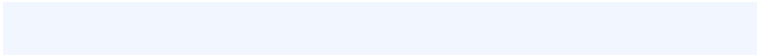
87.2863, 91.8323, 92.6268



85.2811, 91.8323, 95.2087

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.2838, 91.8361, 107.7335



92.1620, 96.9725, 108.4678



89.2708, 97.1149, 104.3735



19.7567, 20.7879, 23.2211



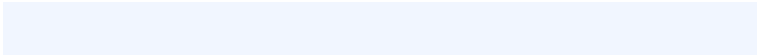
0.0000, 0.0000, 0.0000



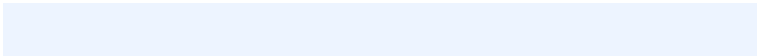
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2838, 91.8361, 107.7335



85.2348, 89.6696, 107.4233



86.4226, 89.1630, 107.2630



18.0708, 19.0097, 22.9668



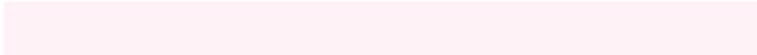
11.5207, 7.9510, 50.3621



1.2205, 0.9717, 4.9365

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



89.3313, 90.8259, 100.0162



87.8256, 88.4184, 97.6523



92.1941, 98.7787, 97.4277



18.6712, 18.7223, 20.7015



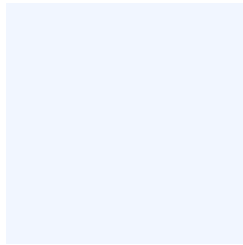
22.6033, 11.5306, 6.5615



2.2507, 1.1426, 0.9014

Previews

White Background



This preview shows how the XYZ color 87.2814, 91.8323, 107.7329 looks on a white background.

Color Contrast Check

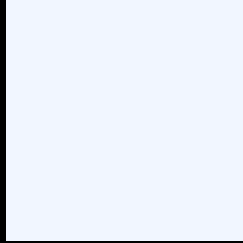
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.2814, 91.8323, 107.7329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

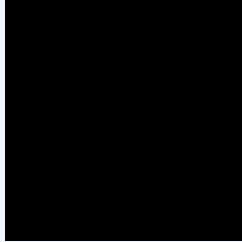
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

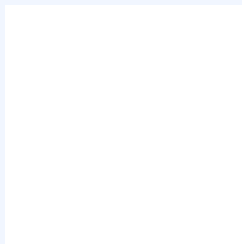
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2814, 91.8323, 107.7329

Background



This preview shows how black text looks on a background with the XYZ color 87.2814, 91.8323, 107.7329.

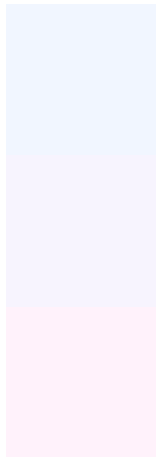


This preview shows how white text looks on a background with the XYZ color 87.2814, 91.8323,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.2814, 91.8323, 107.7329

Protanopia

88.5978, 91.6313, 106.7829

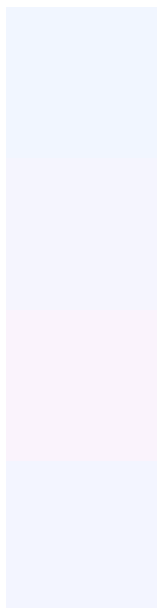
Deuteranopia

90.4047, 91.7293, 104.2075

Tritanopia

88.0106, 91.7579, 107.6801

Trichromacy



Original Color

87.2814, 91.8323, 107.7329

Protanomaly

88.1980, 91.8731, 106.8507

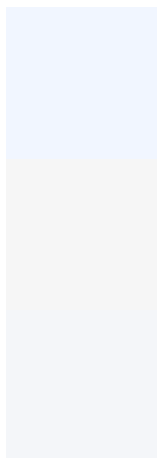
Deuteranomaly

89.0456, 91.4535, 105.0545

Tritanomaly

87.6646, 91.5795, 107.6639

Monochromacy



Original Color

87.2814, 91.8323, 107.7329

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.3629, 91.9842, 102.7727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2814, 91.8323, 107.7329 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(241, 246, 255) looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.2814, 91.8323, 107.7329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 246, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 246, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2814, 91.8323, 107.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
246, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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