

Converting Colors

XYZ(87.6771, 91.5969,
107.6666)

Have a look what the booklet for
XYZ(87.6771, 91.5969, 107.6666)
contains.

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Color

**XYZ(87.6646, 91.5795,
107.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F5FF
RGB	243, 245, 255
RGB Percent	95%, 96%, 100%
CMY	0.0471, 0.0392, 0.0000
CMYK	0.05, 0.04, 0.00, 0.00
HSL	230°, 100%, 98%
HSV	230°, 5%, 100%
XYZ	87.6646, 91.5795, 107.6639
YIQ	245.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

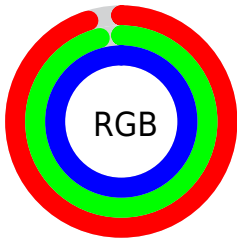
Format	Color
R_{YB}	243, 245, 255
Decimal	15988223
CIE _{Lab}	96.65, 1.15, -5.03
CIE _{LCh}	97, 5.160, 282.900
Yxy	91.5795, 0.3055, 0.3192
Android (android.graphics.Color)	4294178303 (0xFFFF3F5FF)
YUV	245.5420, 4.6628, -2.2293
Hunter-Lab	95.6972, -3.9529, 0.2839

Details

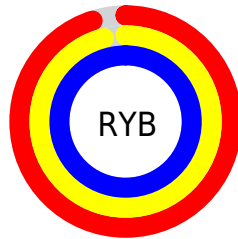
The XYZ color **87.6646, 91.5795, 107.6639** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.5421, 97.9795, 98.8301**, and the grayscale version is **87.1958, 91.7368, 99.9014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8842, 51.0372, 60.7008** is the 20% darker color. If you saturate the color by 10%, you get **73.4070, 75.2333, 105.2603**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

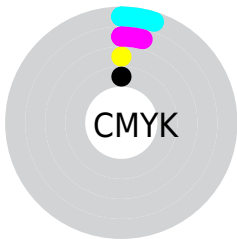
Distribution



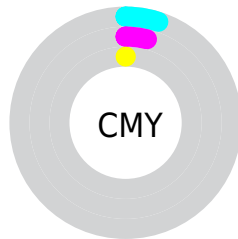
- Red (95%)
- Green (96%)
- Blue (100%)



- 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 87.6646, 91.5795, 107.6639 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 87.6646, 91.5795, 107.6639 by changing the saturation by 10% instead.

87.6646, 91.5795,
107.6639

87.6646, 91.5795,
107.6639

508.7561,
533.1556, 605.9495

66.3752, 69.2914,
82.0638

142.9850,
149.5305, 173.7933

48.8459, 50.9491,
60.8820

177.7468,
185.9621, 215.1597

34.7113, 36.1681,
43.7000

217.7300,
227.8771, 262.6186

23.6060, 24.5640,
30.0993

263.3001,
275.6598, 316.5886

15.1648, 15.7525,
19.6613

314.8224,
329.6946, 377.4881

9.0222, 9.3492,
11.9674

372.6623,

4.8129, 4.9697,

390.3659, 445.7357

6.5992

437.1850,
458.0581, 521.7500

■ 2.1715, 2.2295,
3.1381

■ 0.7277, 0.7360,
1.1656

■ 87.6646, 91.5795,
107.6639

■ 87.6646, 91.5795,
107.6639

■ 73.4070, 75.2333,
105.2603

95.0500, 100.0000,
108.9000

■ 61.0321, 60.9133,
103.1485

■ 50.4623, 48.5434,
101.3179

■ 41.6124, 38.0380,
99.7566

■ 34.3897, 29.3056,
98.4517

■ 28.6929, 22.2462,
97.3894

■ 24.4087, 16.7500,
96.5543

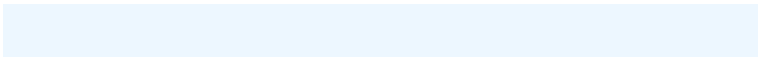
■ 21.4078, 12.6933,
95.9295

■ 19.5348, 9.9320,
95.4952

Harmonies

Analogous

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



86.2302, 91.5795, 107.5054



87.6646, 91.5795, 107.6639



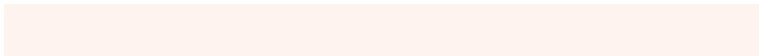
88.9463, 91.5795, 105.6505

Triad

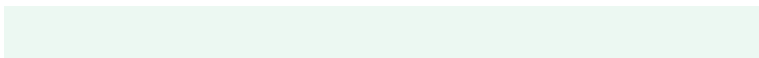
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6646, 91.5795, 107.6639



89.0923, 91.5795, 94.4016



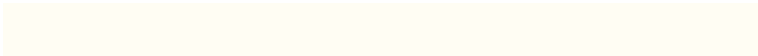
84.4180, 91.5795, 97.3959

Complementary

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



87.6646, 91.5795, 107.6639



92.5421, 97.9795, 98.8301

Split Complementary

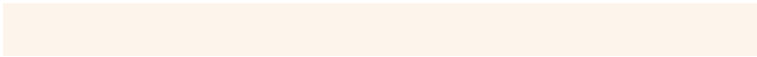
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1681, 91.5795, 94.0051



87.6646, 91.5795, 107.6639



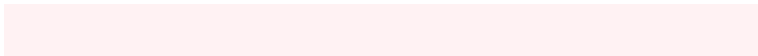
87.8621, 91.5795, 92.3095

Square

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



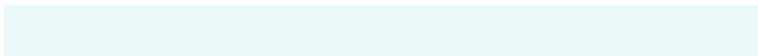
87.6646, 91.5795, 107.6639



89.7767, 91.5795, 97.9506



86.4255, 91.5795, 92.1664



84.3665, 91.5795, 101.4994

Rectangle

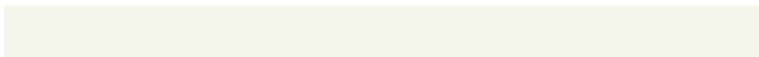
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



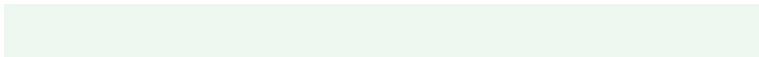
87.6646, 91.5795, 107.6639



89.5374, 91.5795, 103.3789



86.4255, 91.5795, 92.1664



84.5964, 91.5795, 96.1377

Sweetspot

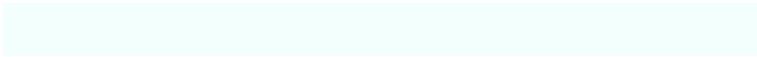
The Sweet Spot groups the original color and five complimentary colors.



87.6670, 91.5833, 107.6645



93.4441, 98.1718, 108.6317



90.4207, 97.6542, 106.8453



20.0178, 21.0321, 23.2545



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.



87.6670, 91.5833, 107.6645



85.7115, 89.3490, 107.3363



88.3890, 91.0605, 107.5256



18.1373, 18.8860, 22.9394



9.9463, 4.8023, 49.8373



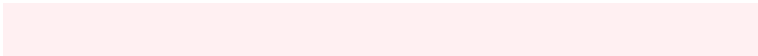
1.0340, 0.5986, 4.8743

Inverse Universe

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



89.7735, 91.9553, 99.4083



88.3772, 89.8298, 96.8863



91.7940, 98.5377, 98.9773



18.7676, 19.0009, 20.4685



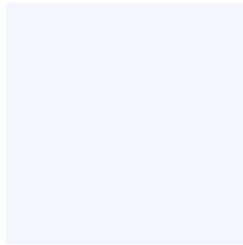
21.8087, 11.2128, 2.3769



2.1565, 1.1050, 0.4056

Previews

White Background



This preview shows how the XYZ color 87.6646, 91.5795, 107.6639 looks on a white background.

Color Contrast Check

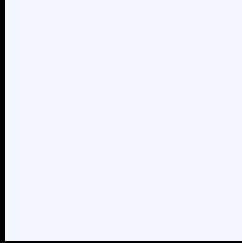
Large Text (above 18pt) WCAG AA × Fail

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 87.6646, 91.5795, 107.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

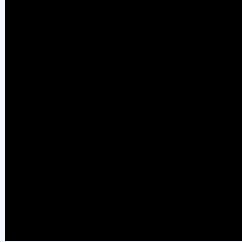
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

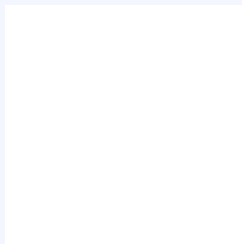
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6646, 91.5795, 107.6639

Background



This preview shows how black text looks on a background with the XYZ color 87.6646, 91.5795, 107.6639.



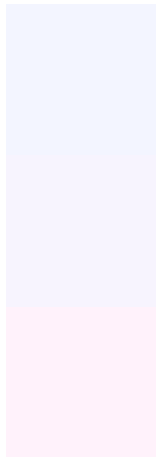
This preview shows how white text looks on a background with the XYZ color 87.6646, 91.5795,

107.639.

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

87.6646, 91.5795, 107.6639

Protanopia

88.5978, 91.6313, 106.7829

Deuteranopia

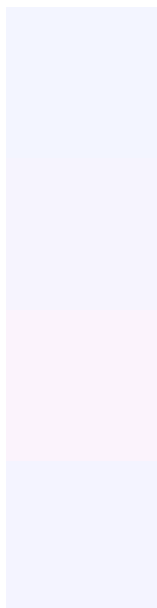
90.4047, 91.7293, 104.2075



Tritanopia

88.0569, 91.3338, 107.5958

Trichromacy



Original Color

87.6646, 91.5795, 107.6639

Protanomaly

88.2461, 91.4500, 106.7665

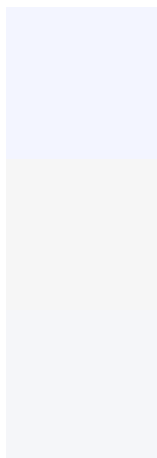
Deuteranomaly

89.4049, 91.6387, 105.0714

Tritanomaly

87.7089, 91.1545, 107.5796

Monochromacy



Original Color

87.6646, 91.5795, 107.6639

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7108, 92.1636, 102.7890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6646, 91.5795, 107.6639 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(243, 245, 255) looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 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(243, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.6646, 91.5795, 107.6639 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(243, 245, 255) }
```


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

```
.border{ border-color:rgb(243, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6646, 91.5795, 107.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 255) }
```

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

```
.background{ background-color: rgb(243,  
245, 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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