

Converting Colors

XYZ(87.5349, 90.9448,
107.5483)

Have a look what the booklet for
XYZ(87.5349, 90.9448, 107.5483)
contains.

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Color

**XYZ(87.7089, 91.1545,
107.5796)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F4FF
RGB	244, 244, 255
RGB Percent	96%, 96%, 100%
CMY	0.0431, 0.0431, 0.0000
CMYK	0.04, 0.04, 0.00, 0.00
HSL	240°, 100%, 98%
HSV	240°, 4%, 100%
XYZ	87.7089, 91.1545, 107.5796
YIQ	245.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

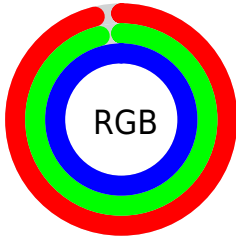
Format	Color
R_{YB}	244, 244, 255
Decimal	16053503
CIE _{Lab}	96.47, 1.99, -5.28
CIE _{LCh}	96, 5.640, 290.620
Yxy	91.1545, 0.3062, 0.3182
Android (android.graphics.Color)	4294243583 (0xFFFF4F4FF)
YUV	245.2540, 4.8048, -1.0998
Hunter-Lab	95.4749, -3.1003, 0.0254

Details

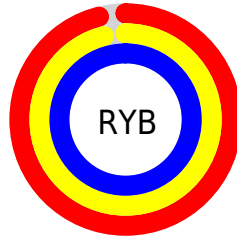
The XYZ color **87.7089, 91.1545, 107.5796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.3281, 99.3092, 99.8390**, and the grayscale version is **86.9622, 91.4910, 99.6337**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9153, 50.7350, 60.6408** is the 20% darker color. If you saturate the color by 10%, you get **72.3190, 72.6134, 104.8119**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

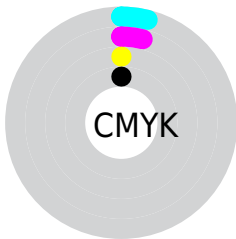
Distribution



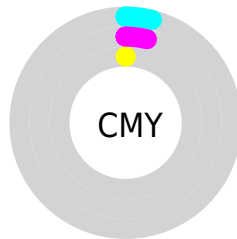
- Red (96%)
- Green (96%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7089, 91.1545, 107.5796 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 87.7089, 91.1545, 107.5796 by changing the saturation by 10% instead.

87.7089, 91.1545,
107.5796

87.7089, 91.1545,
107.5796

508.8991,
531.7793, 605.6828

66.4120, 68.9386,
81.9934

143.0464,
148.9410, 173.6773

48.8759, 50.6617,
60.8243

177.8177,
185.2804, 215.0260

34.7352, 35.9394,
43.6538

217.8113,
227.0964, 262.4659

23.6245, 24.3874,
30.0632

263.3923,
274.7734, 316.4155

15.1785, 15.6213,
19.6341

314.9263,
328.6958, 377.2935

9.0319, 9.2566,
11.9479

372.7785,

4.8193, 4.9089,

389.2479, 445.5183

6.5861

437.3144,
456.8143, 521.5086

■ 2.1753, 2.1939,
3.1302

■ 0.7297, 0.7167,
1.1615

■ 87.7089, 91.1545,
107.5796

■ 87.7089, 91.1545,
107.5796

■ 72.3190, 72.6134,
104.8119

95.0500, 100.0000,
108.9000

■ 59.1182, 56.7086,
102.4377

■ 48.0094, 43.3238,
100.4397

■ 38.8851, 32.3299,
98.7986

■ 31.6287, 23.5862,
97.4933

■ 26.1110, 16.9371,
96.5007

■ 22.1866, 12.2076,
95.7947

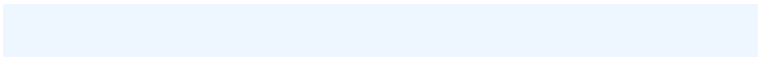
■ 19.6867, 9.1942,
95.3448

■ 18.4041, 7.6476,
95.1139

Harmonies

Analogous

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



86.1477, 91.1545, 108.0435



87.7089, 91.1545, 107.5796



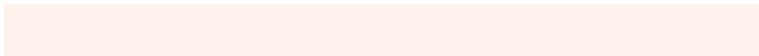
88.9980, 91.1545, 104.8482

Triad

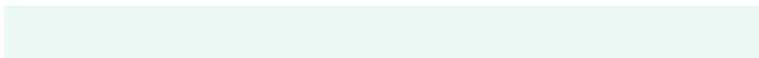
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7089, 91.1545, 107.5796



88.5723, 91.1545, 92.7073



83.6903, 91.1545, 97.8471

Complementary

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



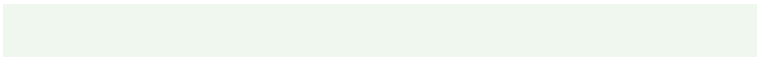
87.7089, 91.1545, 107.5796



93.3281, 99.3092, 99.8390

Split Complementary

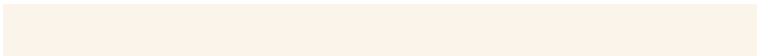
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3233, 91.1545, 93.8581



87.7089, 91.1545, 107.5796



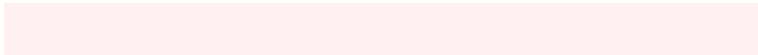
87.1334, 91.1545, 90.9504

Square

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



87.7089, 91.1545, 107.5796



89.5007, 91.1545, 96.2331



85.5791, 91.1545, 91.3652



83.8402, 91.1545, 102.3329

Rectangle

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



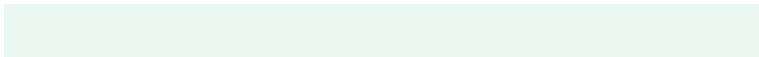
87.7089, 91.1545, 107.5796



89.5235, 91.1545, 102.1532



85.5791, 91.1545, 91.3652



83.8183, 91.1545, 96.4058

Sweetspot

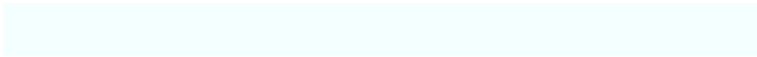
The Sweet Spot groups the original color and five complimentary colors.



87.7113, 91.1583, 107.5802



93.3102, 97.9039, 108.5871



91.0893, 97.9616, 108.5607



19.9906, 20.9776, 23.2454



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.



87.7113, 91.1583, 107.5802



86.5818, 89.7975, 107.3770



89.5814, 92.1206, 107.6673



18.2872, 18.9253, 22.9391



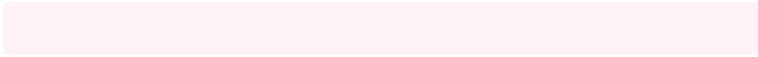
9.4323, 3.7741, 49.6659



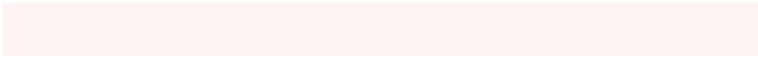
0.9186, 0.3678, 4.8359

Inverse Universe

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



89.9212, 92.4944, 98.7064



89.1319, 91.3393, 97.1376



91.4006, 98.3175, 99.7492



18.9067, 19.2999, 20.4513



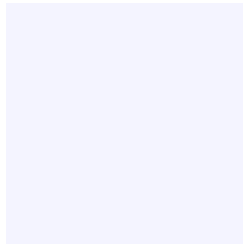
21.5492, 11.1090, 1.0105



2.0983, 1.0817, 0.0989

Previews

White Background



This preview shows how the XYZ color 87.7089, 91.1545, 107.5796 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 87.7089, 91.1545, 107.5796 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 87.7089, 91.1545, 107.5796

Background



This preview shows how black text looks on a background with the XYZ color 87.7089, 91.1545, 107.5796.



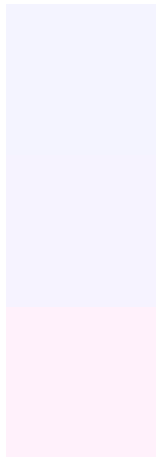
This preview shows how white text looks on a background with the XYZ color 87.7089, 91.1545,

107.5796.

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

87.7089, 91.1545, 107.5796

Protanopia

88.1066, 90.9140, 107.5122

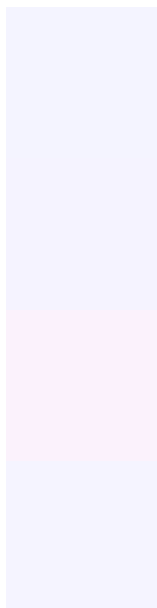
Deuteranopia

90.1079, 91.1356, 104.1085

Tritanopia

88.0569, 91.3338, 107.5958

Trichromacy



Original Color

87.7089, 91.1545, 107.5796

Protanomaly

87.7568, 90.7337, 107.4958

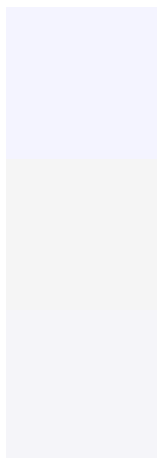
Deuteranomaly

89.1065, 91.0418, 104.9719

Tritanomaly

88.0569, 91.3338, 107.5958

Monochromacy



Original Color

87.7089, 91.1545, 107.5796

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.4075, 91.5568, 102.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7089, 91.1545, 107.5796 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(244, 244, 255) looks like.

```
.text, #text, p{  
    color:rgb(244, 244, 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(244, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.7089, 91.1545, 107.5796 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(244, 244, 255) }
```


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

```
.border{ border-color:rgb(244, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7089, 91.1545, 107.5796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 244, 255) }
```

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

```
.background{ background-color: rgb(244,  
244, 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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