

Converting Colors

XYZ(89.9331, 91.5744,
126.4516)

Have a look what the booklet for
XYZ(89.9331, 91.5744, 126.4516)
contains.

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Color

**XYZ(86.3762, 90.0220,
107.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F3FF
RGB	241, 243, 255
RGB Percent	95%, 95%, 100%
CMY	0.0549, 0.0470, 0.0000
CMYK	0.05, 0.05, 0.00, 0.00
HSL	231°, 100%, 97%
HSV	231°, 5%, 100%
XYZ	86.3762, 90.0220, 107.4312
YIQ	243.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

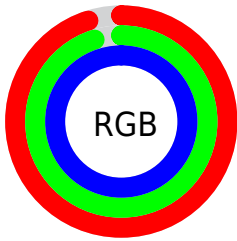
Format	Color
R _Y B	241, 243, 255
Decimal	15856639
CIE Lab	96.01, 1.52, -5.99
CIE LCh	96, 6.184, 284.269
Yxy	90.0220, 0.3043, 0.3172
Android (android.graphics.Color)	4294046719 (0xFFFF1F3FF)
YUV	243.7700, 5.5364, -2.4293
Hunter-Lab	94.8799, -3.5381, -0.7173

Details

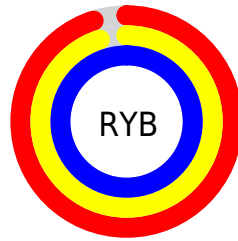
The XYZ color **86.3762, 90.0220, 107.4312** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.2415, 97.8590, 97.2475**, and the grayscale version is **85.7674, 90.2340, 98.2648**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9710, 49.9322, 60.5356** is the 20% darker color. If you saturate the color by 10%, you get **72.1197, 73.5387, 105.0010**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

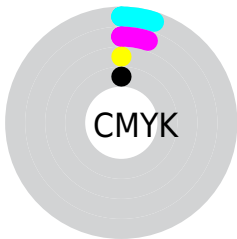
Distribution



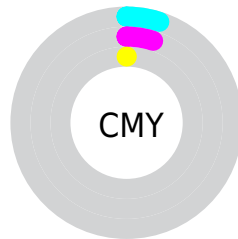
- Red (95%)
- Green (95%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3762, 90.0220, 107.4312 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 86.3762, 90.0220, 107.4312 by changing the saturation by 10% instead.

86.3762, 90.0220,
107.4312

86.3762, 90.0220,
107.4312

504.5862,
528.1024, 605.2130

65.3054, 67.9989,
81.8696

141.1985,
147.3690, 173.4731

47.9744, 49.8968,
60.7229

175.6807,
183.4616, 214.7905

34.0178, 35.3314,
43.5725

215.3641,
225.0128, 262.1969

23.0702, 23.9183,
29.9998

260.6140,
272.4071, 316.1108

14.7663, 15.2730,
19.5864

311.7958,
326.0288, 376.9509

8.7408, 9.0112,
11.9137

369.2749,

4.6283, 4.7485,

386.2624, 445.1356

6.5631

433.4166,
453.4921, 521.0834

■ 2.0633, 2.1005,
3.1161

■ 0.6692, 0.6649,
1.1542

■ 86.3762, 90.0220,
107.4312

■ 86.3762, 90.0220,
107.4312

■ 72.1197, 73.5387,
105.0010

95.0500, 100.0000,
108.9000

■ 59.7798, 59.1556,
102.8752

■ 49.2763, 46.7914,
101.0422

■ 40.5206, 36.3548,
99.4892

■ 33.4166, 27.7477,
98.2023

■ 27.8589, 20.8632,
97.1664

■ 23.7295, 15.5829,
96.3649

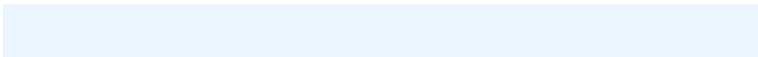
■ 20.8929, 11.7731,
95.7790

■ 19.1859, 9.2770,
95.3872

Harmonies

Analogous

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



84.6748, 90.0220, 107.3651



86.3762, 90.0220, 107.4312



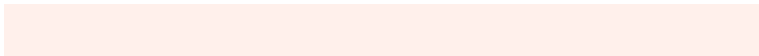
87.8790, 90.0220, 104.9176

Triad

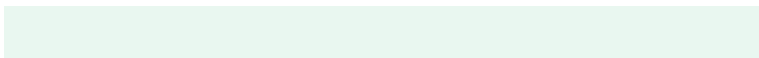
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3762, 90.0220, 107.4312



87.9394, 90.0220, 91.5913



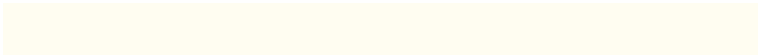
82.4371, 90.0220, 95.4876

Complementary

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



86.3762, 90.0220, 107.4312



92.2415, 97.8590, 97.2475

Split Complementary

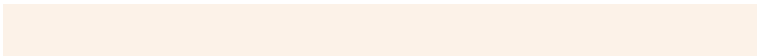
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2885, 90.0220, 91.4289



86.3762, 90.0220, 107.4312



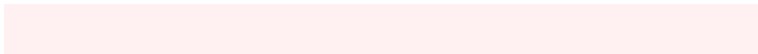
86.4578, 90.0220, 89.2310

Square

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



86.3762, 90.0220, 107.4312



88.7896, 90.0220, 95.7159



84.7553, 90.0220, 89.1726



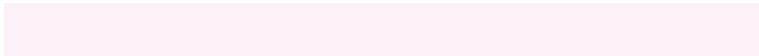
82.4159, 90.0220, 100.3580

Rectangle

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



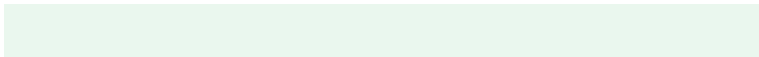
86.3762, 90.0220, 107.4312



88.5596, 90.0220, 102.1641



84.7553, 90.0220, 89.1726



82.6352, 90.0220, 93.9869

Sweetspot

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



86.3785, 90.0257, 107.4318



91.8203, 96.2890, 108.3539



89.7500, 97.3066, 106.8969



19.6872, 20.6487, 23.1979



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.



86.3785, 90.0257, 107.4318



84.0986, 87.3972, 107.0446



87.4772, 89.7066, 107.3123



17.8083, 18.4848, 22.8793



9.8322, 4.5740, 49.7992



1.0174, 0.5654, 4.8688

Inverse Universe

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



88.8744, 90.6431, 97.6103



87.2521, 88.1890, 94.6323



91.0979, 98.2136, 97.3762



18.5387, 18.6693, 20.0038



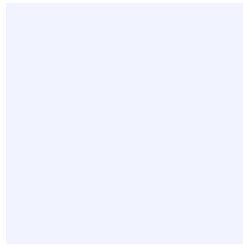
21.7510, 11.1897, 2.0735



2.1481, 1.1016, 0.3615

Previews

White Background



This preview shows how the XYZ color 86.3762, 90.0220, 107.4312 looks on a white background.

Color Contrast Check

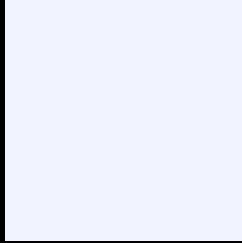
Large Text (above 18pt) WCAG AA × Fail

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 86.3762, 90.0220, 107.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

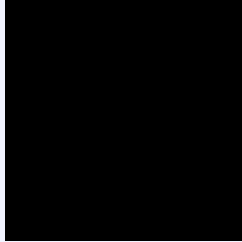
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3762, 90.0220, 107.4312

Background



This preview shows how black text looks on a background with the XYZ color 86.3762, 90.0220, 107.4312.

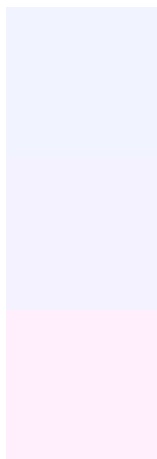


This preview shows how white text looks on a background with the XYZ color 86.3762, 90.0220,

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

86.3762, 90.0220, 107.4312

Protanopia

86.9498, 89.8931, 106.5343

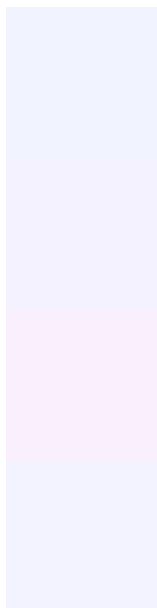
Deuteranopia

89.6772, 90.0213, 104.7448

Tritanopia

87.0627, 90.3759, 107.4633

Trichromacy



Original Color

86.3762, 90.0220, 107.4312

Protanomaly

86.6037, 89.7147, 106.5181

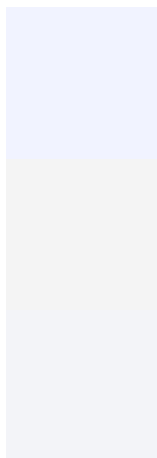
Deuteranomaly

88.3141, 89.7360, 105.5946

Tritanomaly

86.7185, 90.1984, 107.4472

Monochromacy



Original Color

86.3762, 90.0220, 107.4312

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2561, 90.5334, 101.7354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3762, 90.0220, 107.4312 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, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.3762, 90.0220, 107.4312 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, 243, 255) }
```


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

```
.border{ border-color:rgb(241, 243, 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, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3762, 90.0220, 107.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 255) }
```

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

```
.background{ background-color: rgb(241,  
243, 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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