

Converting Colors

XYZ(86.9463, 90.4183,
107.4627)

Have a look what the booklet for
XYZ(86.9463, 90.4183, 107.4627)
contains.

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Color

**XYZ(86.7185, 90.1984,
107.4472)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F3FF
RGB	242, 243, 255
RGB Percent	95%, 95%, 100%
CMY	0.0510, 0.0470, 0.0000
CMYK	0.05, 0.05, 0.00, 0.00
HSL	235°, 100%, 97%
HSV	235°, 5%, 100%
XYZ	86.7185, 90.1984, 107.4472
YIQ	244.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

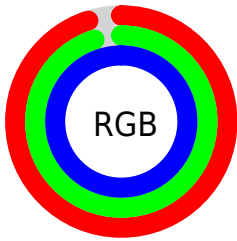
Format	Color
R _Y B	242, 243, 255
Decimal	15922175
CIE Lab	96.08, 1.85, -5.88
CIE LCh	96, 6.161, 287.455
Yxy	90.1984, 0.3050, 0.3172
Android (android.graphics.Color)	4294112255 (0xFF2F3FF)
YUV	244.0690, 5.3890, -1.8145
Hunter-Lab	94.9728, -3.2164, -0.5966

Details

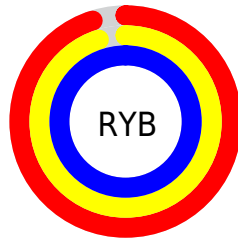
The XYZ color **86.7185, 90.1984, 107.4472** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.7079, 98.5521, 98.1421**, and the grayscale version is **86.0071, 90.4862, 98.5395**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2131, 50.0570, 60.5469** is the 20% darker color. If you saturate the color by 10%, you get **71.9730, 72.8067, 104.8675**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

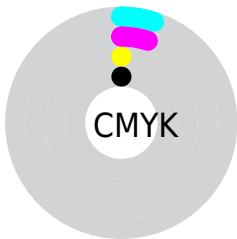
Distribution



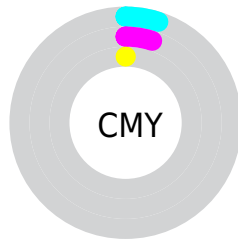
- Red (95%)
- Green (95%)
- Blue (100%)



- 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 86.7185, 90.1984, 107.4472 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 86.7185, 90.1984, 107.4472 by changing the saturation by 10% instead.

86.7185, 90.1984,
107.4472

86.7185, 90.1984,
107.4472

505.6958,
528.6760, 605.2637

65.5895, 68.1452,
81.8830

141.6734,
147.6139, 173.4951

48.2057, 50.0159,
60.7338

176.2300,
183.7451, 214.8159

34.2018, 35.4260,
43.5812

215.9933,
225.3377, 262.2259

23.2123, 23.9912,
30.0066

261.3284,
272.7761, 316.1437

14.8719, 15.3271,
19.5915

312.6009,
326.4448, 376.9878

8.8153, 9.0493,
11.9174

370.1761,

4.6770, 4.7733,

386.7280, 445.1769

6.5656

434.4193,
454.0103, 521.1293

■ 2.0918, 2.1149,
3.1176

■ 0.6848, 0.6730,
1.1550

■ 86.7185, 90.1984,
107.4472

■ 86.7185, 90.1984,
107.4472

■ 71.9730, 72.8067,
104.8675

95.0500, 100.0000,
108.9000

■ 59.2637, 57.7514,
102.6313

■ 48.5030, 44.9360,
100.7249

■ 39.5945, 34.2535,
99.1325

■ 32.4332, 25.5878,
97.8373

■ 26.9039, 18.8117,
96.8208

■ 22.8772, 13.7836,
96.0625

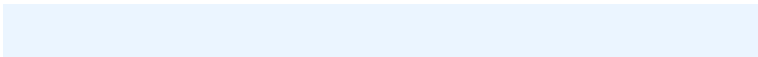
■ 20.2042, 10.3418,
95.5390

■ 18.7047, 8.2938,
95.2228

Harmonies

Analogous

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



85.0204, 90.1984, 107.6685



86.7185, 90.1984, 107.4472



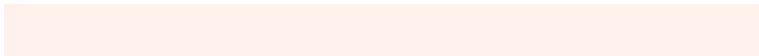
88.1702, 90.1984, 104.7004

Triad

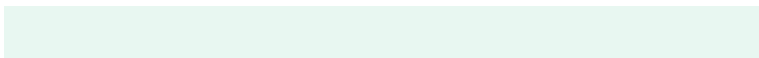
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7185, 90.1984, 107.4472



87.9679, 90.1984, 91.4512



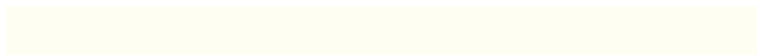
82.5689, 90.1984, 96.1844

Complementary

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



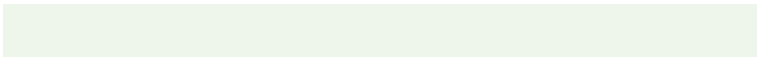
86.7185, 90.1984, 107.4472



92.7079, 98.5521, 98.1421

Split Complementary

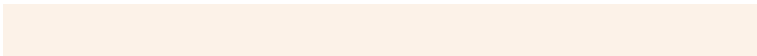
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3370, 90.1984, 91.9949



86.7185, 90.1984, 107.4472



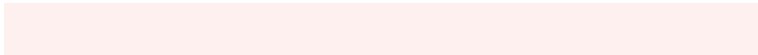
86.4453, 90.1984, 89.3237

Square

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



86.7185, 90.1984, 107.4472



88.8981, 90.1984, 95.4199



84.7508, 90.1984, 89.5194



82.6398, 90.1984, 101.0555

Rectangle

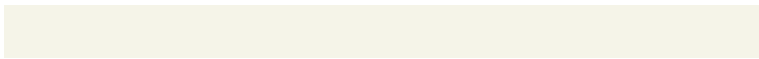
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



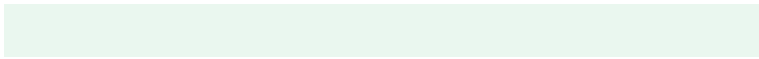
86.7185, 90.1984, 107.4472



88.7960, 90.1984, 101.8566



84.7508, 90.1984, 89.5194



82.7371, 90.1984, 94.6529

Sweetspot

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



86.7209, 90.2021, 107.4478



91.7155, 96.0795, 108.3190



90.2546, 97.5480, 107.7678



19.6658, 20.6061, 23.1908



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.



86.7209, 90.2021, 107.4478



85.3037, 88.5333, 107.2004



88.3079, 90.5755, 107.4362



18.0413, 18.6940, 22.9074



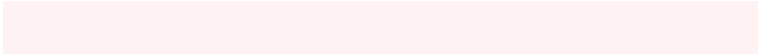
9.5991, 4.1078, 49.7215



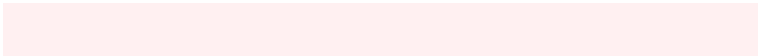
0.9718, 0.4742, 4.8536

Inverse Universe

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



89.1712, 91.2367, 97.7091



88.1713, 89.7475, 95.8023



91.0627, 98.1782, 98.1566



18.7191, 18.9815, 20.2133



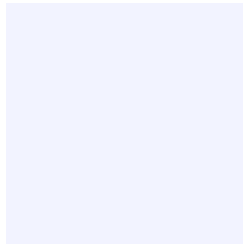
21.6334, 11.1426, 1.4539



2.1251, 1.0924, 0.2402

Previews

White Background



This preview shows how the XYZ color 86.7185, 90.1984, 107.4472 looks on a white background.

Color Contrast Check

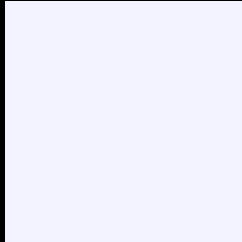
Large Text (above 18pt) WCAG AA × Fail

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 86.7185, 90.1984, 107.4472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

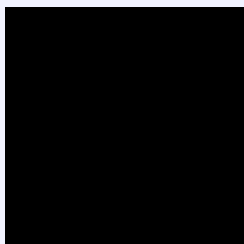
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.7185, 90.1984, 107.4472

Background



This preview shows how black text looks on a background with the XYZ color 86.7185, 90.1984, 107.4472.



This preview shows how white text looks on a background with the XYZ color 86.7185, 90.1984,

107.472.

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

86.7185, 90.1984, 107.4472

Protanopia

87.4583, 90.1367, 107.3963

Deuteranopia

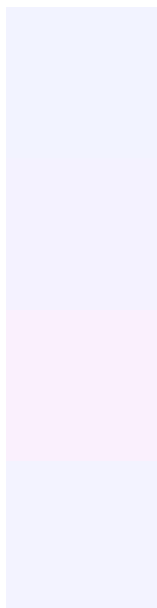
89.6772, 90.0213, 104.7448



Tritanopia

87.0627, 90.3759, 107.4633

Trichromacy



Original Color

86.7185, 90.1984, 107.4472

Protanomaly

87.1104, 89.9574, 107.3800

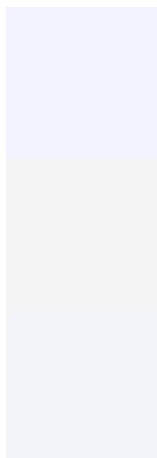
Deuteranomaly

88.3141, 89.7360, 105.5946

Tritanomaly

87.0627, 90.3759, 107.4633

Monochromacy



Original Color

86.7185, 90.1984, 107.4472

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 86.7185, 90.1984, 107.4472 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(242, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.7185, 90.1984, 107.4472 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(242, 243, 255) }
```


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

```
.border{ border-color:rgb(242, 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(242, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7185, 90.1984, 107.4472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 255) }
```

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

```
.background{ background-color: rgb(242,  
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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