

Converting Colors

XYZ(85.7740, 90.2904,
102.3776)

Have a look what the booklet for
XYZ(85.7740, 90.2904, 102.3776)
contains.

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Color

**XYZ(85.7252, 90.2417,
102.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F4F9
RGB	241, 244, 249
RGB Percent	95%, 96%, 98%
CMY	0.0549, 0.0431, 0.0235
CMYK	0.03, 0.02, 0.00, 0.02
HSL	217°, 40%, 96%
HSV	217°, 3%, 98%
XYZ	85.7252, 90.2417, 102.5227
YIQ	243.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

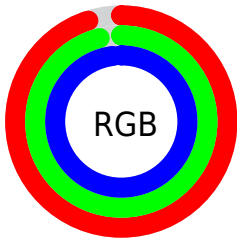
Format	Color
R _{YB}	241, 243, 249
Decimal	15856889
CIE Lab	96.10, -0.09, -2.76
CIE LCh	96, 2.758, 268.173
Yxy	90.2417, 0.3078, 0.3240
Android (android.graphics.Color)	4294046969 (0xFFFF1F4F9)
YUV	243.6730, 2.6262, -2.3442
Hunter-Lab	94.9956, -5.1618, 2.5090

Details

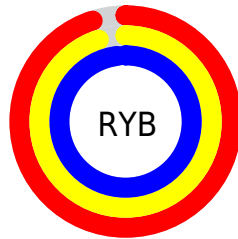
The XYZ color **85.7252, 90.2417, 102.5227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9000, 92.4012, 96.4229**, and the grayscale version is **85.7116, 90.1753, 98.2009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6164, 50.1310, 57.6187** is the 20% darker color. If you saturate the color by 10%, you get **73.3170, 77.1918, 100.6592**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8928**.

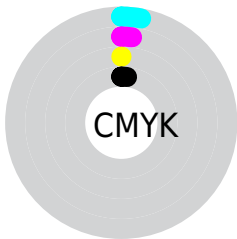
Distribution



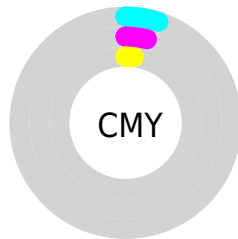
- Red (95%)
- Green (96%)
- Blue (98%)



- Red (95%)
- Yellow (95%)
- Blue (98%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7252, 90.2417, 102.5227 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 85.7252, 90.2417, 102.5227 by changing the saturation by 10% instead.

85.7252, 90.2417,
102.5227

85.7252, 90.2417,
102.5227

502.4723,
528.8168, 589.5664

64.7653, 68.1811,
77.7804

140.2948,
147.6741, 166.7017

47.5348, 50.0451,
57.3782

174.6351,
183.8147, 206.9755

33.6683, 35.4492,
40.8976

214.1663,
225.4174, 253.2635

22.8006, 24.0091,
27.9200

259.2536,
272.8666, 305.9843

14.5662, 15.3404,
18.0268

310.2626,
326.5468, 365.5565

8.5998, 9.0586,
10.7996

367.5584,

4.5361, 4.7794,

386.8423, 432.3985

5.8198

431.5065,
454.1375, 506.9290

■ 2.0097, 2.1184,
2.6688

■ 0.6394, 0.6750,
0.9277

■ 85.7252, 90.2417,
102.5227

■ 85.7252, 90.2417,
102.5227

■ 73.3170, 77.1918,
100.6592

■ 94.0991, 99.6197,
103.8928

■ 62.4061, 65.4830,
98.9742

■ 52.9352, 55.0732,
97.4641

■ 44.8400, 45.9136,
96.1228

■ 38.0509, 37.9522,
94.9439

■ 32.4921, 31.1326,
93.9206

■ 28.0789, 25.3934,
93.0454

■ 24.7148, 20.6656,
92.3101

■ 22.2842, 16.8693,
91.7055

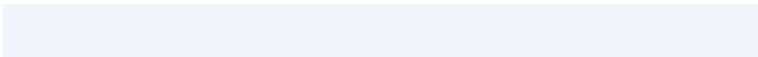
Harmonies

Analogous

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



84.9997, 90.2417, 101.8756



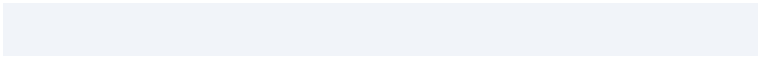
85.7252, 90.2417, 102.5227



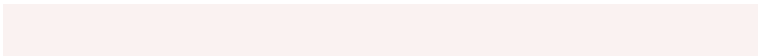
86.4674, 90.2417, 102.0131

Triad

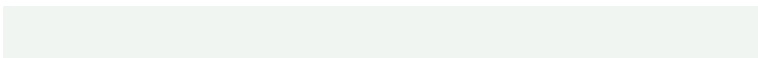
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7252, 90.2417, 102.5227



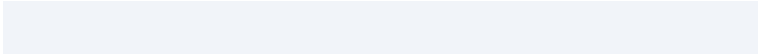
87.0734, 90.2417, 96.2851



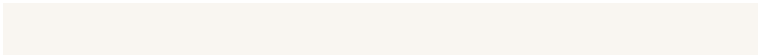
84.5301, 90.2417, 96.0561

Complementary

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



85.7252, 90.2417, 102.5227



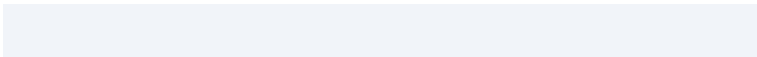
87.9000, 92.4012, 96.4229

Split Complementary

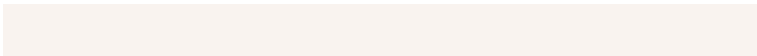
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0804, 90.2417, 94.5960



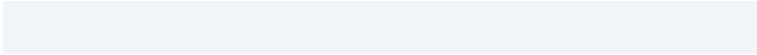
85.7252, 90.2417, 102.5227



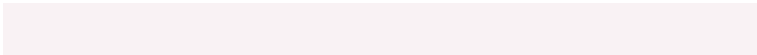
86.5490, 90.2417, 94.7268

Square

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



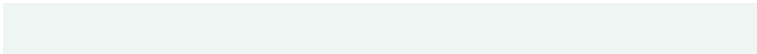
85.7252, 90.2417, 102.5227



87.2485, 90.2417, 98.3921



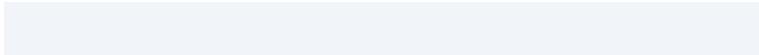
85.8189, 90.2417, 94.1130



84.3123, 90.2417, 98.1238

Rectangle

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



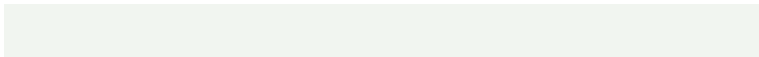
85.7252, 90.2417, 102.5227



86.8712, 90.2417, 101.0901



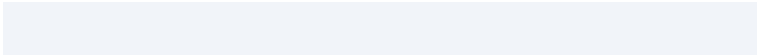
85.8189, 90.2417, 94.1130



84.6821, 90.2417, 95.4791

Sweetspot

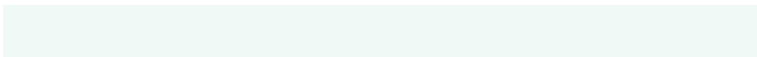
The Sweet Spot groups the original color and five complimentary colors.



85.7278, 90.2456, 102.5247



93.6121, 98.5077, 108.6877



86.7770, 93.1033, 100.5336



20.0520, 21.1005, 23.2659



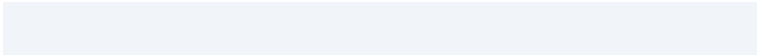
0.0000, 0.0000, 0.0000



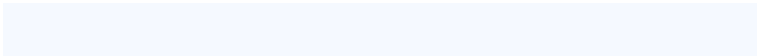
20.3446, 21.4041, 23.3091

Same Dimension

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



85.7278, 90.2456, 102.5247



89.3979, 94.1194, 108.0628



85.1506, 88.6171, 102.2408



18.1087, 19.0668, 22.1111



11.3969, 8.1493, 48.9458



1.1537, 0.9511, 4.5659

Inverse Universe

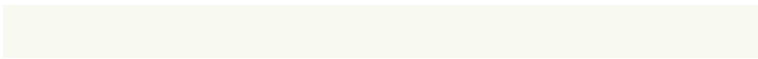
The Inverse Universe completely reimagines the original color for something new.



86.8533, 89.5837, 98.3062



90.8732, 93.2604, 102.5318



88.4893, 94.0723, 96.7144



18.4658, 18.8608, 20.7720



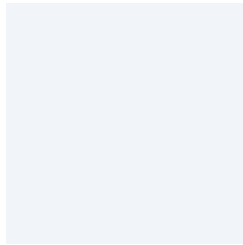
22.0446, 11.2336, 6.9435



2.0913, 1.0602, 0.9040

Previews

White Background



This preview shows how the XYZ color 85.7252, 90.2417, 102.5227 looks on a white background.

Color Contrast Check

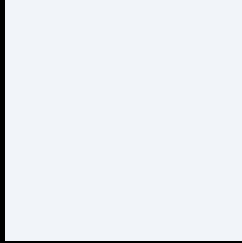
Large Text (above 18pt) WCAG AA × Fail

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 85.7252, 90.2417, 102.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

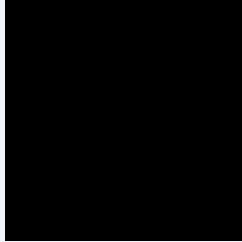
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

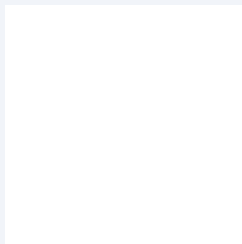
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7252, 90.2417, 102.5227

Background



This preview shows how black text looks on a background with the XYZ color 85.7252, 90.2417, 102.5227.



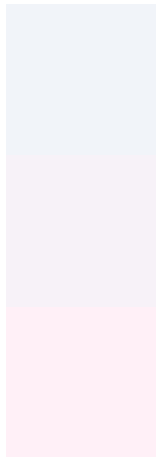
This preview shows how white text looks on a background with the XYZ color 85.7252, 90.2417,

102.5227.

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

85.7252, 90.2417, 102.5227

Protanopia

87.0532, 90.0557, 101.6012

Deuteranopia

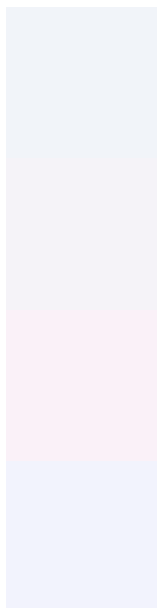
89.1886, 90.2956, 100.7237



Tritanopia

87.0627, 90.3759, 107.4633

Trichromacy



Original Color

85.7252, 90.2417, 102.5227

Protanomaly

86.6501, 90.2910, 101.6679

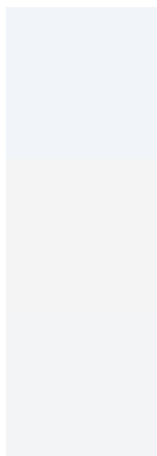
Deuteranomaly

87.8229, 90.0119, 101.5522

Tritanomaly

86.3982, 90.0703, 105.7601

Monochromacy



Original Color

85.7252, 90.2417, 102.5227

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9474, 90.4099, 100.1097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7252, 90.2417, 102.5227 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, 244, 249) looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 249)  
}
```

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, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.7252, 90.2417, 102.5227 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, 244, 249) }
```


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

```
.border{ border-color:rgb(241, 244, 249) }
```

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

Here you see how a box with a 4 pixel rgb(241, 244, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7252, 90.2417, 102.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 249) }
```

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

```
.background{ background-color: rgb(241,  
244, 249) }
```

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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