

Converting Colors

XYZ(84.1654, 87.9702, 99.9631)

Have a look what the booklet for
XYZ(84.1654, 87.9702, 99.9631)
contains.

XYZ(84.3655, 88.2652, 99.7791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.3655, 88.2652,
99.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F1F6
RGB	241, 241, 246
RGB Percent	95%, 95%, 96%
CMY	0.0549, 0.0549, 0.0353
CMYK	0.02, 0.02, 0.00, 0.04
HSL	240°, 22%, 95%
HSV	240°, 2%, 96%
XYZ	84.3655, 88.2652, 99.7791
YIQ	241.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

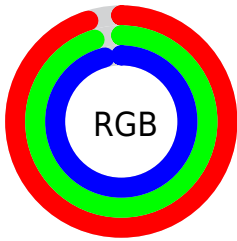
Format	Color
R _Y B	241, 241, 246
Decimal	15856118
CIE Lab	95.27, 0.90, -2.41
CIE LCh	95, 2.575, 290.406
Yxy	88.2652, 0.3097, 0.3240
Android (android.graphics.Color)	4294046198 (0xFFFF1F1F6)
YUV	241.5700, 2.1840, -0.4999
Hunter-Lab	93.9496, -4.1210, 2.7958

Details

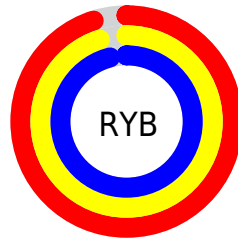
The XYZ color **84.3655, 88.2652, 99.7791** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8391, 91.8542, 96.3732**, and the grayscale version is **84.0447, 88.4216, 96.2911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6508, 48.7299, 55.6623** is the 20% darker color. If you saturate the color by 10%, you get **69.7374, 70.6438, 97.1501**, and if you desaturate by 10%, it is **93.6348, 99.4339, 101.4477**.

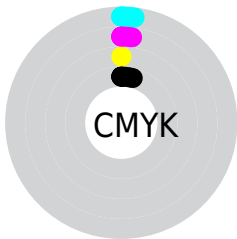
Distribution



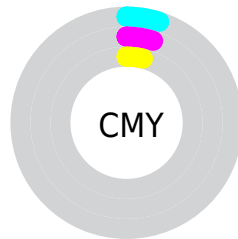
- Red (95%)
- Green (95%)
- Blue (96%)



- Red (95%)
- Yellow (95%)
- Blue (96%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3655, 88.2652, 99.7791 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 84.3655, 88.2652, 99.7791 by changing the saturation by 10% instead.

84.3655, 88.2652,
99.7791

84.3655, 88.2652,
99.7791

498.0415,
522.3713, 580.7248

63.6380, 66.5427,
75.5002

138.4050,
144.9263, 162.9028

46.6181, 48.7131,
55.5186

172.4476,
180.6337, 202.5847

32.9405, 34.3920,
39.4157

211.6593,
221.7716, 248.2380

22.2399, 23.1949,
26.7729

256.4055,
268.7243, 300.2813

14.1509, 14.7375,
17.1718

307.0514,
321.8762, 359.1331

8.3081, 8.6353,
10.1938

363.9625,

4.3462, 4.5041,

381.6118, 425.2119

5.4204

427.5041,
448.3153, 498.9363

■ 1.8998, 1.9594,
2.4329

■ 0.5767, 0.5837,
0.8043

■ 84.3655, 88.2652,
99.7791

■ 84.3655, 88.2652,
99.7791

■ 69.7374, 70.6438,
97.1501

■ 93.6348, 99.4339,
101.4477

■ 57.1382, 55.4653,
94.8844

■ 46.4807, 42.6253,
92.9678

■ 37.6684, 32.0077,
91.3828

■ 30.5965, 23.4863,
90.1108

■ 25.1499, 16.9224,
89.1309

■ 21.1993, 12.1607,
88.4200

■ 18.5962, 9.0221,
87.9514

■ 17.1615, 7.2910,
87.6929

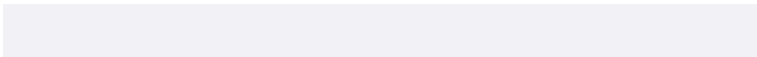
Harmonies

Analogous

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



83.6684, 88.2652, 99.9727



84.3655, 88.2652, 99.7791



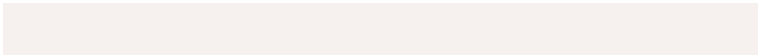
84.9391, 88.2652, 98.5937

Triad

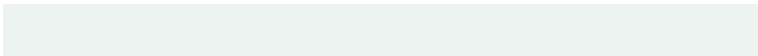
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3655, 88.2652, 99.7791



84.7577, 88.2652, 93.1541



82.5680, 88.2652, 95.4622

Complementary

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



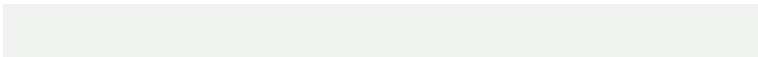
84.3655, 88.2652, 99.7791



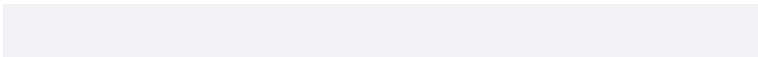
86.8391, 91.8542, 96.3732

Split Complementary

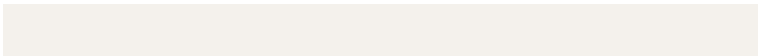
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8564, 88.2652, 93.6601



84.3655, 88.2652, 99.7791



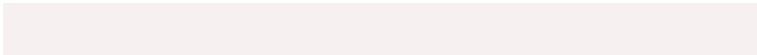
84.1189, 88.2652, 92.3399

Square

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



84.3655, 88.2652, 99.7791



85.1664, 88.2652, 94.7626



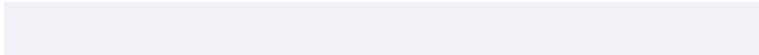
83.4231, 88.2652, 92.5238



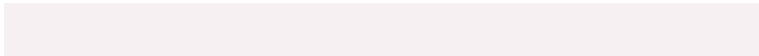
82.6332, 88.2652, 97.4616

Rectangle

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



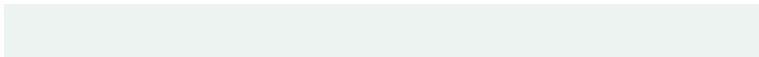
84.3655, 88.2652, 99.7791



85.1730, 88.2652, 97.4096



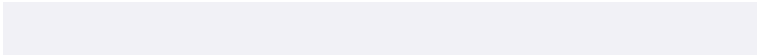
83.4231, 88.2652, 92.5238



82.6267, 88.2652, 94.8137

Sweetspot

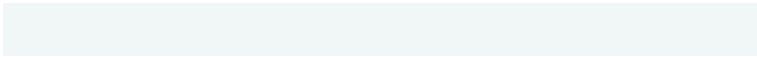
The Sweet Spot groups the original color and five complimentary colors.



84.3680, 88.2690, 99.7810



93.3106, 97.9046, 108.5872



85.8545, 91.2624, 100.2134



19.9906, 20.9777, 23.2454



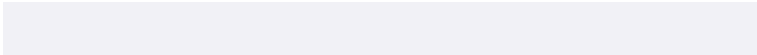
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.3680, 88.2690, 99.7810



91.5943, 95.8371, 108.2786



85.1973, 88.6948, 99.8195



17.9877, 18.8266, 21.2284



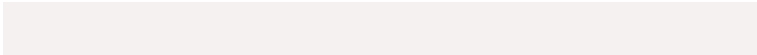
8.8805, 3.5547, 46.7561



0.7809, 0.3131, 4.1095

Inverse Universe

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



85.3405, 88.8560, 95.8766



92.6348, 96.4652, 104.1008



85.9981, 91.4224, 96.3342



18.1809, 18.9432, 20.4528



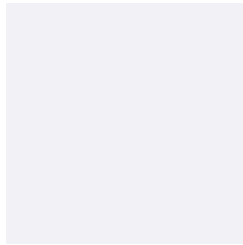
20.2870, 10.4582, 0.9536



1.7832, 0.9192, 0.0848

Previews

White Background



This preview shows how the XYZ color 84.3655, 88.2652, 99.7791 looks on a white background.

Color Contrast Check

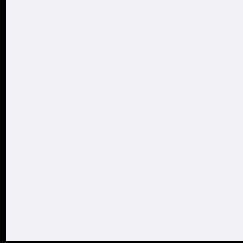
Large Text (above 18pt) WCAG AA × Fail

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 84.3655, 88.2652, 99.7791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

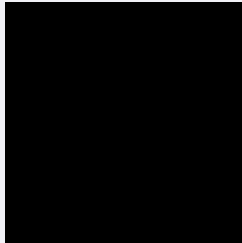
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

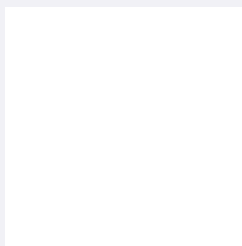
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3655, 88.2652, 99.7791

Background



This preview shows how black text looks on a background with the XYZ color 84.3655, 88.2652, 99.7791.



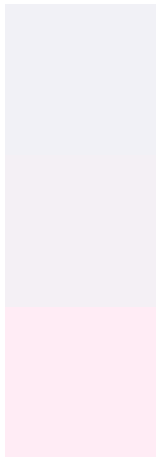
This preview shows how white text looks on a background with the XYZ color 84.3655, 88.2652,

99.7 91.

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

84.3655, 88.2652, 99.7791

Protanopia

84.9497, 88.1458, 98.9227

Deuteranopia

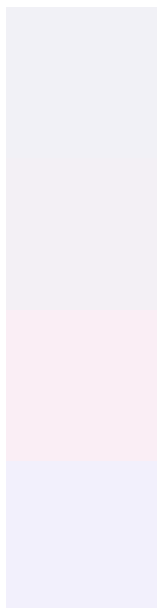
87.7169, 87.8435, 98.7185



Tritanopia

86.1722, 88.5949, 107.1665

Trichromacy



Original Color

84.3655, 88.2652, 99.7791

Protanomaly

84.6037, 87.9674, 98.9065

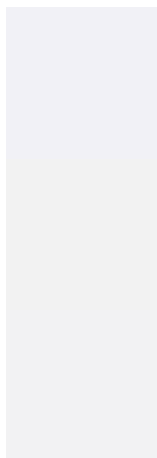
Deuteranomaly

86.4803, 88.0656, 98.8266

Tritanomaly

85.3487, 88.2257, 104.6264

Monochromacy



Original Color

84.3655, 88.2652, 99.7791

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5477, 88.8526, 97.4881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3655, 88.2652, 99.7791 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, 241, 246) looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 246)  
}
```

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, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.3655, 88.2652, 99.7791 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, 241, 246) }
```


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

```
.border{ border-color:rgb(241, 241, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3655, 88.2652, 99.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 246) }
```

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

```
.background{ background-color: rgb(241,  
241, 246) }
```

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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