

Converting Colors

XYZ(8.1508, 9.5038, 13.6900)

Have a look what the booklet for
XYZ(8.1508, 9.5038, 13.6900)
contains.

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Color

**XYZ(8.1399, 9.4785,
13.7124)**

Conversions

Conversions Part 1	
Format	Color
Hex	3F5B65
RGB	63, 91, 101
RGB Percent	25%, 36%, 40%
CMY	0.7529, 0.6431, 0.6039
CMYK	0.38, 0.10, 0.00, 0.60
HSL	196°, 23%, 32%
HSV	196°, 38%, 40%
XYZ	8.1399, 9.4785, 13.7124
YIQ	83.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

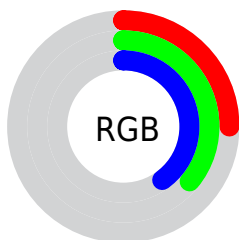
Format	Color
RYB	63, 79, 101
Decimal	4152165
CIELab	36.89, -7.58, -9.06
CIELCh	37, 11.813, 230.082
Yxy	9.4785, 0.2598, 0.3025
Android (android.graphics.Color)	4282342245 (0xFF3F5B65)
YUV	83.7680, 8.4954, -18.2135
Hunter-Lab	30.7872, -6.6835, -4.8563

Details

The XYZ color **8.1399, 9.4785, 13.7124** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.6466, 7.8907, 5.7701**, and the grayscale version is **8.3652, 8.8009, 9.5842**.

A 20% lighter version of the original color is **21.8745, 24.7615, 33.3323**, and **1.8179, 2.2533, 3.8291** is the 20% darker color. If you saturate the color by 10%, you get **7.3300, 8.7299, 13.6108**, and if you desaturate by 10%, it is **9.0768, 10.3050, 13.8227**.

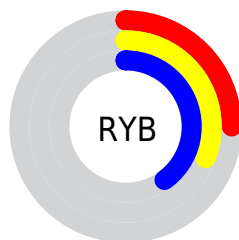
Distribution



Red (25%)

Green (36%)

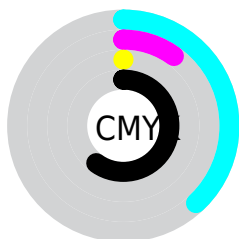
Blue (40%)



Red (25%)

Yellow (31%)

Blue (40%)

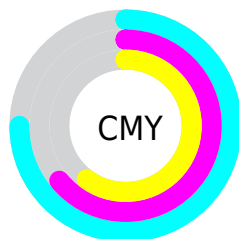


Cyan (38%)

Magenta (10%)

Yellow (0%)

Black (60%)



Cyan (75%)


Magenta (64%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.1399, 9.4785, 13.7124 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 8.1399, 9.4785, 13.7124 by changing the saturation by 10% instead.


 8.1399, 9.4785,
13.7124


 8.1399, 9.4785,
13.7124


171.1718,
186.9084, 226.8001


 4.2372, 5.0546,
7.7844


 21.9150, 24.8099,
33.2876


 1.8372, 2.2793,
3.8715

 32.5182, 36.4861,
47.7719


 0.5399, 0.7627,
1.5551

 46.0855, 51.3486,
65.9455

 0.0000, 0.0000,
0.2585

 62.9823, 69.7818,
88.2267

 0.0000, 0.0000,
0.0000

 83.5739, 92.1699,
115.0343

 108.2259,

118.8975, 146.7867

137.3034,
150.3488, 183.9024

■ 8.1399, 9.4785,
13.7124

■ 8.1399, 9.4785,
13.7124

■ 7.3300, 8.7299,
13.6108

■ 9.0768, 10.3050,
13.8227

■ 6.6397, 8.0545,
13.5168

■ 10.1459, 11.2115,
13.9413

■ 6.0621, 7.4490,
13.4303

■ 11.3532, 12.2014,
14.0688


■ 5.5892, 6.9089,
13.3510


■ 12.7039, 13.2775,
14.2053

■ 5.2118, 6.4296,
13.2784


■ 14.2032, 14.4427,
14.3512


 4.8989, 5.9949,
13.2110

 15.8559, 15.6994,
14.5067

 4.8262, 5.8940,
13.1953

 17.6664, 17.0502,
14.6720

 19.6391, 18.4974,
14.8473

 21.7783, 20.0432,
15.0329

Harmonies

Analogous

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



7.7567, 9.4785, 11.7598



8.1399, 9.4785, 13.7124



8.7700, 9.4785, 14.7970

Triad

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



8.1399, 9.4785, 13.7124



10.4602, 9.4785, 11.0269



8.5367, 9.4785, 6.9932

Complementary

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



8.1399, 9.4785, 13.7124



8.6466, 7.8907, 5.7701

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.



9.2524, 9.4785, 6.8523



8.1399, 9.4785, 13.7124



10.3894, 9.4785, 9.0037

Square

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



8.1399, 9.4785, 13.7124



10.1264, 9.4785, 13.1141



9.9379, 9.4785, 7.5398



7.9770, 9.4785, 7.9547

Rectangle

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



8.1399, 9.4785, 13.7124



9.2564, 9.4785, 14.7945



9.9379, 9.4785, 7.5398



8.7661, 9.4785, 6.8538

Sweetspot

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



8.1402, 9.4789, 13.7126



18.6986, 20.3035, 24.0701



7.8898, 10.8387, 7.8932



4.5539, 4.9573, 5.9176



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



8.1402, 9.4789, 13.7126



12.7610, 15.1547, 23.3893



6.7488, 6.6961, 13.2488



2.8458, 3.0696, 3.5745



6.2938, 7.6594, 17.2910



32.0862, 38.4690, 89.9355

Inverse Universe

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



9.0329, 7.0772, 10.7879



14.5750, 10.5534, 17.3834



10.0481, 10.6937, 6.2373



2.9067, 2.8773, 3.3813



8.6595, 4.2768, 8.8713



44.7908, 22.1563, 44.3031

Previews

White Background



This preview shows how the XYZ color 8.1399, 9.4785, 13.7124 looks on a white 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

Black Background



This preview shows how the XYZ color 8.1399, 9.4785, 13.7124 looks on a black 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

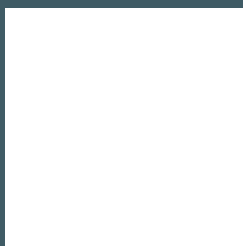
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.1399, 9.4785, 13.7124

Background



This preview shows how black text looks on a background with the XYZ color 8.1399, 9.4785, 13.7124.



This preview shows how white text looks on a background with the XYZ color 8.1399, 9.4785,

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

8.1399, 9.4785, 13.7124

Protanopia

9.2787, 9.4687, 12.8939

Deuteranopia

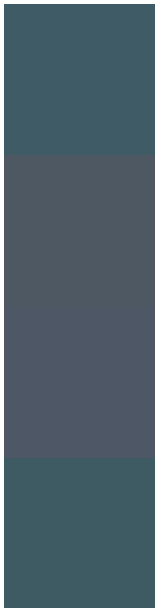
9.5773, 9.4825, 13.8959



Tritanopia

7.9798, 9.4072, 13.1996

Trichromacy



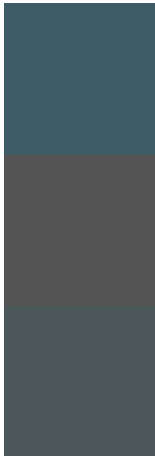
Original Color
8.1399, 9.4785, 13.7124

Protanomaly
8.8024, 9.4581, 13.1660

Deuteranomaly
8.9484, 9.3954, 13.9122

Tritanomaly
8.0279, 9.4264, 13.4530

Monochromacy



Original Color
8.1399, 9.4785, 13.7124

Achromatopsia
8.4267, 8.8656, 9.6546

Achromatomaly
8.2341, 9.0911, 10.9936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1399, 9.4785, 13.7124 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(63, 91, 101)` looks like.

```
.text, #text, p{  
    color:rgb(63, 91, 101)  
}
```

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(63, 91, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 91, 101) }
```

Border

The CSS property to change the border of an element to XYZ 8.1399, 9.4785, 13.7124 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(63, 91, 101) }
```


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

```
.border{ border-color:rgb(63, 91, 101) }
```

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

Here you see how a box with a 4 pixel rgb(63, 91, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 91, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 91, 101);  
box-shadow:4px 4px 4px 4px rgb(63, 91,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 8.1399, 9.4785, 13.7124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 91, 101) }
```

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

```
.background{ background-color: rgb(63, 91,  
101) }
```

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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