

Converting Colors

XYZ(10.0118, 10.5944, 16.9050)

Have a look what the booklet for
XYZ(10.0118, 10.5944, 16.9050)
contains.

XYZ(10.0634, 10.6608, 16.8566) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(10.0634, 10.6608,
16.8566)**

Conversions

Conversions Part 1	
Format	Color
Hex	4F5D70
RGB	79, 93, 112
RGB Percent	31%, 36%, 44%
CMY	0.6902, 0.6353, 0.5608
CMYK	0.29, 0.17, 0.00, 0.56
HSL	215°, 17%, 37%
HSV	215°, 29%, 44%
XYZ	10.0634, 10.6608, 16.8566
YIQ	90.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

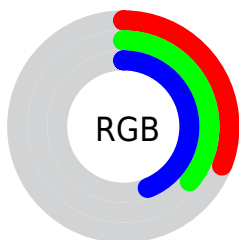
Format	Color
RYB	79, 89, 112
Decimal	5201264
CIELab	39.00, -0.54, -12.56
CIELCh	39, 12.569, 267.527
Yxy	10.6608, 0.2678, 0.2837
Android (android.graphics.Color)	4283391344 (0xFF4F5D70)
YUV	90.9800, 10.3629, -10.5065
Hunter-Lab	32.6509, -2.1232, -7.7539

Details

The XYZ color **10.0634, 10.6608, 16.8566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4612, 12.7447, 9.2005**, and the grayscale version is **9.9192, 10.4357, 11.3645**.

A 20% lighter version of the original color is **25.5766, 26.9924, 38.9840**, and **2.5691, 2.7265, 5.2414** is the 20% darker color. If you saturate the color by 10%, you get **8.6669, 9.1360, 16.6361**, and if you desaturate by 10%, it is **11.6653, 12.3628, 17.1009**.

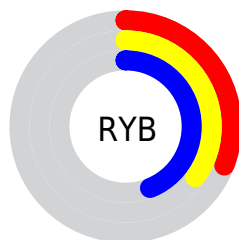
Distribution



Red (31%)

Green (36%)

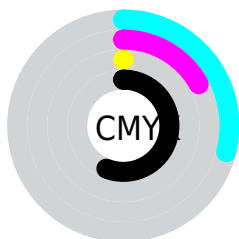
Blue (44%)



Red (31%)

Yellow (35%)

Blue (44%)

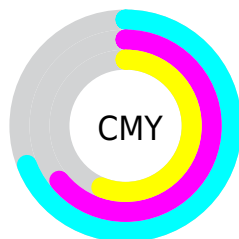


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (56%)



Cyan (69%)


Magenta (64%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.0634, 10.6608, 16.8566 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 10.0634, 10.6608, 16.8566 by changing the saturation by 10% instead.


 10.0634, 10.6608,
16.8566


 10.0634, 10.6608,
16.8566


185.1681,
195.3254, 246.3606


 5.5036, 5.8392,
9.9714


 25.5633, 27.0312,
38.8663


 2.5834, 2.7476,
5.2747

 37.2341, 39.3488,
54.8280


 0.9375, 1.0014,
2.3478

 52.0059, 54.9339,
74.6522

 0.0000, 0.0000,
0.7578

 70.2441, 74.1709,
98.7575

 0.0000, 0.0000,
0.0000

 92.3141, 97.4441,
127.5624

118.5812,

125.1380, 161.4856

149.4108,
157.6370, 200.9454

■ 10.0634, 10.6608,
16.8566

■ 10.0634, 10.6608,
16.8566

■ 8.6669, 9.1360,
16.6361

■ 11.6653, 12.3628,
17.1009

■ 7.4657, 7.7808,
16.4378

■ 13.4801, 14.2469,
17.3689

■ 6.4505, 6.5888,
16.2612

■ 15.5160, 16.3192,
17.6616

■ 5.6106, 5.5526,
16.1055

■ 17.7806, 18.5850,
17.9796

■ 4.9341, 4.6641,
15.9696

■ 20.2810, 21.0497,
18.3235

■ 4.4073, 3.9141,
15.8527

■ 23.0240, 23.7182,
18.6940

■ 3.9836, 3.2766,
15.7519

■ 26.0163, 26.5954,
19.0917

■ 3.9620, 3.2446,
15.7469

■ 29.2640, 29.6858,
19.5170

■ 32.7733, 32.9941,
19.9706

Harmonies

Analogous

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



9.2919, 10.6608, 15.9533



10.0634, 10.6608, 16.8566



10.8960, 10.6608, 16.2007

Triad

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



10.0634, 10.6608, 16.8566



11.6302, 10.6608, 9.6026



8.8330, 10.6608, 9.3019

Complementary

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



10.0634, 10.6608, 16.8566



12.4612, 12.7447, 9.2005

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.



9.4060, 10.6608, 7.9770



10.0634, 10.6608, 16.8566



11.0229, 10.6608, 8.1331

Square

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



10.0634, 10.6608, 16.8566



11.8297, 10.6608, 11.8081



10.2025, 10.6608, 7.5802



8.6064, 10.6608, 11.4098

Rectangle

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



10.0634, 10.6608, 16.8566



11.3686, 10.6608, 15.0116



10.2025, 10.6608, 7.5802



8.9899, 10.6608, 8.7618

Sweetspot

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



10.0637, 10.6612, 16.8568



23.7581, 25.1073, 30.5238



11.2093, 14.1270, 13.6174



5.6133, 5.9347, 7.3194



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.0637, 10.6612, 16.8568



16.0555, 16.9651, 29.3581



9.1313, 8.5202, 16.4927



3.3231, 3.5115, 4.2569



4.5583, 3.7069, 18.1969



21.8884, 16.8287, 90.3738

Inverse Universe

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



11.4541, 9.8273, 11.6495



18.9401, 15.4046, 18.5168



13.6112, 15.4553, 9.6631



3.4378, 3.4228, 3.8320



8.3192, 4.2200, 3.4906



41.0282, 20.8566, 15.2128

Previews

White Background



This preview shows how the XYZ color 10.0634, 10.6608, 16.8566 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 × Fail

Black Background



This preview shows how the XYZ color 10.0634, 10.6608, 16.8566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

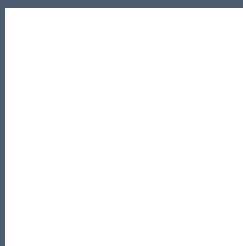
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0634, 10.6608, 16.8566

Background



This preview shows how black text looks on a background with the XYZ color 10.0634, 10.6608, 16.8566.

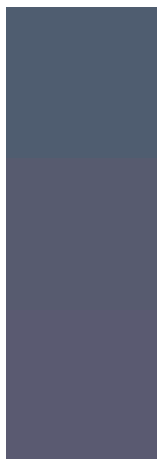


This preview shows how white text looks on a background with the XYZ color 10.0634, 10.6608,

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

10.0634, 10.6608, 16.8566

Protanopia

10.5408, 10.6561, 16.5402

Deuteranopia

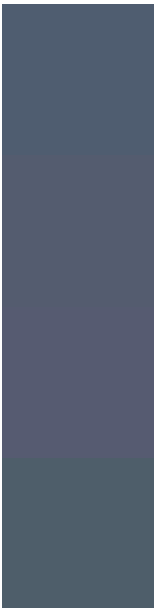
10.8532, 10.6782, 17.1119



Tritanopia

9.5510, 10.7215, 14.1364

Trichromacy



Original Color
10.0634, 10.6608, 16.8566

Protanomaly
10.3525, 10.6868, 16.5560

Deuteranomaly
10.5595, 10.6529, 17.1224

Tritanomaly
9.7461, 10.6657, 15.1807

Monochromacy



Original Color
10.0634, 10.6608, 16.8566

Achromatopsia
9.9438, 10.4616, 11.3927

Achromatomaly
10.0098, 10.5814, 13.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0634, 10.6608, 16.8566 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(79, 93, 112)` looks like.

```
.text, #text, p{  
    color:rgb(79, 93, 112)  
}
```

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(79, 93, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 93, 112) }
```

Border

The CSS property to change the border of an element to XYZ 10.0634, 10.6608, 16.8566 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(79, 93, 112) }
```


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

```
.border{ border-color:rgb(79, 93, 112) }
```

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

Here you see how a box with a 4 pixel rgb(79, 93, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 93, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 93, 112);  
box-shadow:4px 4px 4px 4px rgb(79, 93,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0634, 10.6608, 16.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 93, 112) }
```

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

```
.background{ background-color: rgb(79, 93,  
112) }
```

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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