

Converting Colors

XYZ(14.3810, 15.2045, 16.3639)

Have a look what the booklet for
XYZ(14.3810, 15.2045, 16.3639)
contains.

XYZ(14.3598, 15.2081, 16.3660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(14.3598, 15.2081,
16.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6D6C
RGB	108, 109, 108
RGB Percent	42%, 43%, 42%
CMY	0.5765, 0.5725, 0.5765
CMYK	0.01, 0.00, 0.01, 0.57
HSL	120°, 0%, 43%
HSV	120°, 1%, 43%
XYZ	14.3598, 15.2081, 16.3660
YIQ	108.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

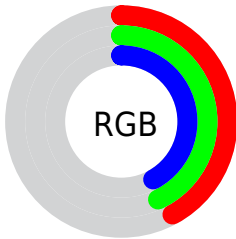
Format	Color
R_{YB}	108, 109, 109
Decimal	7105900
CIE Lab	45.92, -0.59, 0.42
CIE LCh	46, 0.719, 144.610
Yxy	15.2081, 0.3126, 0.3311
Android (android.graphics.Color)	4285295980 (0xFF6C6D6C)
YUV	108.5870, -0.2894, -0.5148
Hunter-Lab	38.9976, -2.5179, 2.4162

Details

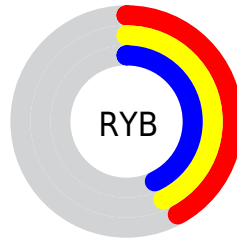
The XYZ color **14.3598, 15.2081, 16.3660** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4300, 15.0808, 16.6190**, and the grayscale version is **14.4202, 15.1712, 16.5214**.

A 20% lighter version of the original color is **33.1269, 35.0157, 37.8136**, and **4.4894, 4.7743, 5.0998** is the 20% darker color. If you saturate the color by 10%, you get **12.5724, 14.3500, 13.4411**, and if you desaturate by 10%, it is **16.3863, 16.1819, 19.6814**.

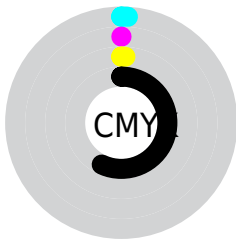
Distribution



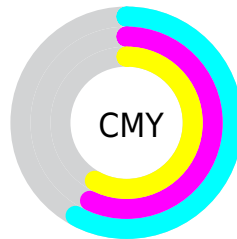
- Red (42%)
- Green (43%)
- Blue (42%)



- Red (42%)
- Yellow (43%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (57%)



- Cyan (58%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3598, 15.2081, 16.3660 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 14.3598, 15.2081, 16.3660 by changing the saturation by 10% instead.

■ 14.3598, 15.2081,
16.3660

■ 14.3598, 15.2081,
16.3660

212.9239,
224.6224, 243.4108

■ 8.4547, 8.9656,
9.6264

■ 33.3070, 35.2178,
38.0080

■ 4.4415, 4.7187,
5.0496

■ 47.0799, 49.7538,
53.7475

■ 1.9548, 2.0832,
2.2171

■ 64.2061, 67.8231,
73.3240

■ 0.6084, 0.6551,
0.6842

■ 85.0509, 89.8100,
97.1561

■ 0.0000, 0.0000,
0.0000

109.9798,
116.0990, 125.6623

139.3580,

147.0745, 159.2611

173.5509,
183.1208, 198.3711

■ 14.3598, 15.2081,
16.3660

■ 14.3598, 15.2081,
16.3660

■ 12.5724, 14.3500,
13.4411

■ 16.3863, 16.1819,
19.6814

■ 11.0139, 13.6014,
10.8913

■ 18.6588, 17.2735,
23.4000

■ 9.6756, 12.9585,
8.7019

■ 21.1858, 18.4873,
27.5349

■ 8.5476, 12.4167,
6.8565

■ 23.9746, 19.8269,
32.0985

■ 7.6190, 11.9707,
5.3377

■ 27.0326, 21.2958,
37.1026

■ 6.8785, 11.6149,
4.1265

■ 30.3667, 22.8972,
42.5587

■ 6.3130, 11.3433,
3.2019

■ 33.9837, 24.6346,
48.4777

■ 5.9083, 11.1489,
2.5403

■ 37.8899, 26.5109,
54.8702

■ 5.6476, 11.0237,
2.1144

■ 42.0916, 28.5291,
61.7464

Harmonies

Analogous

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



14.4062, 15.2081, 16.2567



14.3598, 15.2081, 16.3660



14.3388, 15.2081, 16.5276

Triad

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



14.3598, 15.2081, 16.3660



14.4439, 15.2081, 16.8944



14.5613, 15.2081, 16.4201

Complementary

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



14.3598, 15.2081, 16.3660



14.4300, 15.0808, 16.6190

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.



14.5715, 15.2081, 16.5905



14.3598, 15.2081, 16.3660



14.5036, 15.2081, 16.8651

Square

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



14.3598, 15.2081, 16.3660



14.3873, 15.2081, 16.8333



14.5503, 15.2081, 16.7536



14.5226, 15.2081, 16.2877

Rectangle

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



14.3598, 15.2081, 16.3660



14.3421, 15.2081, 16.6436



14.5503, 15.2081, 16.7536



14.5682, 15.2081, 16.4748

Sweetspot

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



14.3602, 15.2088, 16.3663



26.0283, 27.3838, 29.8210



14.4809, 15.2683, 16.3715



6.0569, 6.3724, 6.9395



54.2243, 57.0482, 62.1254

Same Dimension

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



14.3602, 15.2088, 16.3663



25.6759, 27.2146, 29.2443



14.3860, 15.2191, 16.5024



3.4102, 3.6111, 3.8872



6.3970, 12.7930, 2.1321



32.5934, 65.1846, 10.8640

Inverse Universe

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



14.4300, 15.0808, 16.6190



25.8156, 26.9585, 29.7501



14.4041, 15.0705, 16.4821



3.4264, 3.5815, 3.9456



10.5976, 5.0903, 17.3462



53.9974, 25.9363, 88.3864

Previews

White Background



This preview shows how the XYZ color 14.3598, 15.2081, 16.3660 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 14.3598, 15.2081, 16.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

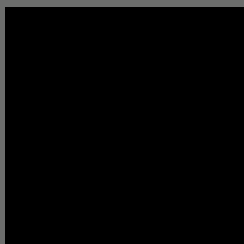
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

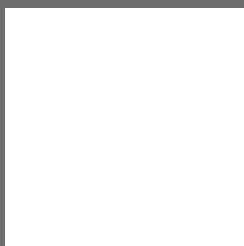
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3598, 15.2081, 16.3660

Background



This preview shows how black text looks on a background with the XYZ color 14.3598, 15.2081, 16.3660.



This preview shows how white text looks on a background with the XYZ color 14.3598, 15.2081,

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

14.3598, 15.2081, 16.3660

Protanopia

14.6249, 15.1873, 16.3480

Deuteranopia

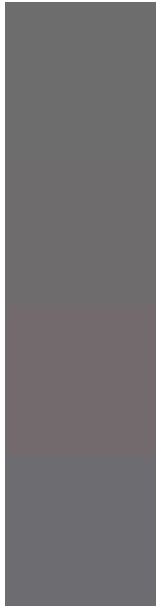
15.4196, 15.1292, 16.5755



Tritanopia

14.8216, 15.2373, 18.6829

Trichromacy



Original Color

14.3598, 15.2081, 16.3660

Protanomaly

14.4997, 15.1228, 16.3421

Deuteranomaly

14.9846, 15.0570, 16.5845

Tritanomaly

14.6499, 15.1686, 17.7785

Monochromacy



Original Color

14.3598, 15.2081, 16.3660

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5356, 15.2926, 16.6537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3598, 15.2081, 16.3660 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(108, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 109, 108)  
}
```

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(108, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.3598, 15.2081, 16.3660 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(108, 109, 108) }
```

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

```
.border{ border-color:rgb(108, 109, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 109, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 109, 108); box-shadow:4px 4px 4px 4px rgb(108, 109, 108) }
```


Background

The CSS property to change the background color of an element to XYZ 14.3598, 15.2081, 16.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 109, 108) }
```

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

```
.background{ background-color: rgb(108,  
109, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor