

Converting Colors

XYZ(14.5782, 15.2970, 16.5266)

Have a look what the booklet for
XYZ(14.5782, 15.2970, 16.5266)
contains.

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Color

**XYZ(14.6594, 15.3564,
16.6594)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6D6D
RGB	110, 109, 109
RGB Percent	43%, 43%, 43%
CMY	0.5686, 0.5725, 0.5725
CMYK	0.00, 0.01, 0.01, 0.57
HSL	0°, 0%, 43%
HSV	0°, 1%, 43%
XYZ	14.6594, 15.3564, 16.6594
YIQ	109.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	110, 109, 109
Decimal	7236973
CIE Lab	46.12, 0.39, 0.13
CIE LCh	46, 0.410, 18.592
Yxy	15.3564, 0.3141, 0.3290
Android (android.graphics.Color)	4285427053 (0xFF6E6D6D)
YUV	109.2990, -0.1474, 0.6148
Hunter-Lab	39.1872, -1.8033, 2.2255

Details

The XYZ color **14.6594, 15.3564, 16.6594** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6971, 15.5288, 16.9749**, and the grayscale version is **14.6214, 15.3829, 16.7519**.

A 20% lighter version of the original color is **33.8163, 35.3611, 38.3008**, and **4.6420, 4.8498, 5.2489** is the 20% darker color. If you saturate the color by 10%, you get **13.0052, 12.9369, 13.3670**, and if you desaturate by 10%, it is **16.5349, 18.0995, 20.3916**.

Distribution



Red (43%)

Green (43%)

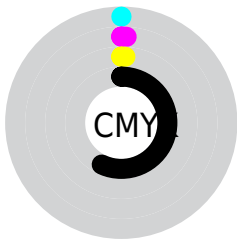
Blue (43%)



Red (43%)

Yellow (43%)

Blue (43%)



Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (57%)



Cyan (57%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6594, 15.3564, 16.6594 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 14.6594, 15.3564, 16.6594 by changing the saturation by 10% instead.

■ 14.6594, 15.3564,
16.6594

■ 14.6594, 15.3564,
16.6594

214.7248,
225.5134, 245.1790

■ 8.6655, 9.0699,
9.8326

■ 33.8311, 35.4772,
38.5218

■ 4.5790, 4.7868,
5.1839

■ 47.7396, 50.0803,
54.3945

■ 2.0346, 2.1227,
2.2950

■ 65.0170, 68.2244,
74.1195

■ 0.6533, 0.6774,
0.7284

■ 86.0287, 90.2938,
98.1155

■ 0.0000, 0.0000,
0.0000

111.1399,
116.6731, 126.8008

140.7161,

147.7465, 160.5942

175.1226,
183.8985, 199.9141

■ 14.6594, 15.3564,
16.6594

■ 14.6594, 15.3564,
16.6594

■ 13.0052, 12.9369,
13.3670

■ 16.5349, 18.0995,
20.3916

■ 11.5628, 10.8271,
10.4973

■ 18.6381, 21.1753,
24.5780

■ 10.3242, 9.0152,
8.0335

■ 20.9767, 24.5953,
29.2334

■ 9.2802, 7.4877,
5.9572

■ 23.5577, 28.3696,
34.3717

■ 8.4208, 6.2302,
4.2488

■ 26.3878, 32.5081,
40.0065

■ 7.7354, 5.2270,
2.8867

■ 29.4734, 37.0200,
46.1503

■ 7.2120, 4.4608,
1.8474

■ 32.8208, 41.9146,
52.8157

■ 6.8374, 3.9121,
1.1042

■ 36.4358, 47.2004,
60.0145

■ 6.5961, 3.5584,
0.6263

■ 40.3243, 52.8860,
67.7583

Harmonies

Analogous

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



14.6616, 15.3564, 16.7585



14.6594, 15.3564, 16.6594



14.6402, 15.3564, 16.5770

Triad

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



14.6594, 15.3564, 16.6594



14.5456, 15.3564, 16.5939



14.5825, 15.3564, 16.9093

Complementary

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



14.6594, 15.3564, 16.6594



14.6971, 15.5288, 16.9749

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.



14.5515, 15.3564, 16.8649



14.6594, 15.3564, 16.6594



14.5302, 15.3564, 16.6826

Square

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



14.6594, 15.3564, 16.6594



14.5744, 15.3564, 16.5393



14.5324, 15.3564, 16.7818



14.6172, 15.3564, 16.9031

Rectangle

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



14.6594, 15.3564, 16.6594



14.6203, 15.3564, 16.5425



14.5324, 15.3564, 16.7818



14.5714, 15.3564, 16.8998

Sweetspot

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



14.6598, 15.3571, 16.6597



26.0283, 27.3838, 29.8210



14.7138, 15.3783, 16.9450



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.



14.6598, 15.3571, 16.6597



25.7088, 26.9165, 29.1851



14.7131, 15.4637, 16.6775



3.7311, 3.9086, 4.2403



7.7275, 3.9876, 0.3624



38.4867, 19.8486, 1.8027

Inverse Universe

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



14.6971, 15.5288, 16.9749



25.7827, 27.2566, 29.8094



14.6435, 15.4215, 16.9571



3.7405, 3.9520, 4.3199



10.0507, 14.6916, 20.0277



50.0587, 73.1692, 99.7638

Previews

White Background



This preview shows how the XYZ color 14.6594, 15.3564, 16.6594 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 14.6594, 15.3564, 16.6594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

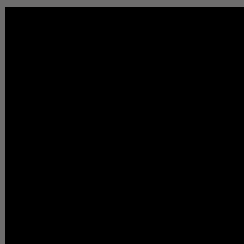
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

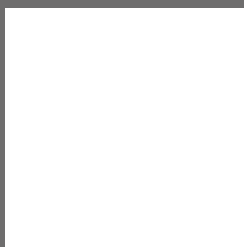
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6594, 15.3564, 16.6594

Background



This preview shows how black text looks on a background with the XYZ color 14.6594, 15.3564, 16.6594.

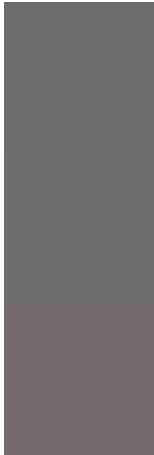


This preview shows how white text looks on a background with the XYZ color 14.6594, 15.3564,

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

14.6594, 15.3564, 16.6594

Protanopia

14.7845, 15.4209, 16.6653

Deuteranopia

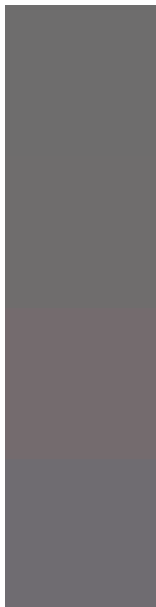
15.5763, 15.3558, 16.8949



Tritanopia

15.0705, 15.3656, 18.6946

Trichromacy



Original Color

14.6594, 15.3564, 16.6594

Protanomaly

14.7845, 15.4209, 16.6653

Deuteranomaly

15.2746, 15.3542, 16.9104

Tritanomaly

14.8987, 15.2969, 17.7901

Monochromacy



Original Color

14.6594, 15.3564, 16.6594

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 14.6594, 15.3564, 16.6594 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(110, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(110, 109, 109)  
}
```

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(110, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 109, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.6594, 15.3564, 16.6594 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(110, 109, 109) }
```

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

```
.border{ border-color:rgb(110, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(110, 109,  
109) }
```


Background

The CSS property to change the background color of an element to XYZ 14.6594, 15.3564, 16.6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 109, 109) }
```

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

```
.background{ background-color: rgb(110,  
109, 109) }
```

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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