

Converting Colors

XYZ(14.6358, 16.0454, 14.3823)

Have a look what the booklet for
XYZ(14.6358, 16.0454, 14.3823)
contains.

XYZ(14.6358, 16.0454, 14.3823)	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(14.6358, 16.0454,
14.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7164
RGB	110, 113, 100
RGB Percent	43%, 44%, 39%
CMY	0.5686, 0.5569, 0.6078
CMYK	0.03, 0.00, 0.12, 0.56
HSL	74°, 6%, 42%
HSV	74°, 12%, 44%
XYZ	14.6358, 16.0454, 14.3823
YIQ	110.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

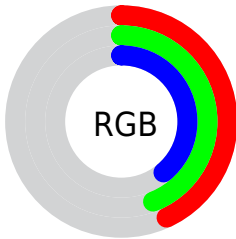
Format	Color
R_{YB}	100, 113, 103
Decimal	7237988
CIE Lab	47.03, -3.70, 6.82
CIE LCh	47, 7.763, 118.479
Yxy	16.0454, 0.3248, 0.3561
Android (android.graphics.Color)	4285428068 (0xFF6E7164)
YUV	110.6210, -5.2362, -0.5446
Hunter-Lab	40.0567, -4.8794, 6.7517

Details

The XYZ color **14.6358, 16.0454, 14.3823** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1320, 13.1907, 17.4776**, and the grayscale version is **15.0143, 15.7962, 17.2021**.

A 20% lighter version of the original color is **33.9413, 36.8260, 34.5974**, and **4.5195, 5.0618, 4.1070** is the 20% darker color. If you saturate the color by 10%, you get **13.8066, 15.6773, 11.6838**, and if you desaturate by 10%, it is **15.5513, 16.4502, 17.4816**.

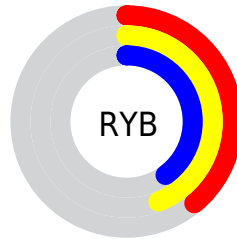
Distribution



Red (43%)

Green (44%)

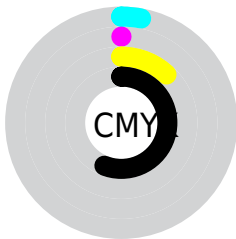
Blue (39%)



Red (39%)

Yellow (44%)

Blue (40%)

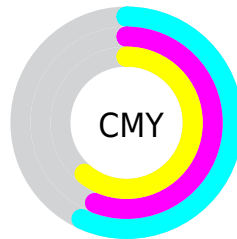


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6358, 16.0454, 14.3823 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 14.6358, 16.0454, 14.3823 by changing the saturation by 10% instead.

■ 14.6358, 16.0454,
14.3823

■ 14.6358, 16.0454,
14.3823

214.5835,
229.6095, 231.1069

■ 8.6488, 9.5563,
8.2453

■ 33.7899, 36.6770,
34.4927

■ 4.5681, 5.1058,
4.1623

■ 47.6878, 51.5883,
49.3031

■ 2.0283, 2.3095,
1.7148

■ 64.9533, 70.0757,
67.8417

■ 0.6498, 0.7787,
0.3708

■ 85.9519, 92.5238,
90.5271

■ 0.0000, 0.0000,
0.0000

111.0488,
119.3168, 117.7778

140.6095,

150.8391, 150.0122

174.9992,
187.4752, 187.6491

■ 14.6358, 16.0454,
14.3823

■ 14.6358, 16.0454,
14.3823

■ 13.8066, 15.6773,
11.6838

■ 15.5513, 16.4502,
17.4816

■ 13.0592, 15.3425,
9.3686

■ 16.5549, 16.8908,
20.9961

■ 12.3907, 15.0403,
7.4197

■ 17.6498, 17.3691,
24.9407

■ 11.7974, 14.7693,
5.8183

■ 18.8387, 17.8861,
29.3294

■ 11.2754, 14.5278,
4.5437

■ 20.1243, 18.4429,
34.1753

■ 10.8202, 14.3141,
3.5734

■ 21.5089, 19.0405,
39.4911

■ 10.4268, 14.1263,
2.8816

■ 22.9951, 19.6798,
45.2892

■ 10.0897, 13.9619,
2.4388

■ 24.5851, 20.3619,
51.5812

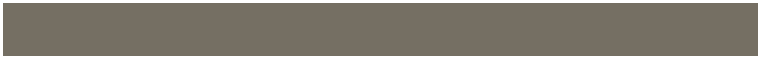
■ 9.8272, 13.8327,
2.1520

■ 26.2812, 21.0876,
58.3786

Harmonies

Analogous

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



15.2854, 16.0454, 13.9892



14.6358, 16.0454, 14.3823



14.1633, 16.0454, 15.5856

Triad

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



14.6358, 16.0454, 14.3823



14.5774, 16.0454, 20.8603



16.5951, 16.0454, 17.5703

Complementary

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



14.6358, 16.0454, 14.3823



13.1320, 13.1907, 17.4776

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.



16.3924, 16.0454, 19.5020



14.6358, 16.0454, 14.3823



15.2160, 16.0454, 21.4867

Square

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



14.6358, 16.0454, 14.3823



14.1303, 16.0454, 19.3174



15.8825, 16.0454, 20.9723



16.4288, 16.0454, 15.7457

Rectangle

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



14.6358, 16.0454, 14.3823



14.0053, 16.0454, 16.7336



15.8825, 16.0454, 20.9723



16.5677, 16.0454, 18.2291

Sweetspot

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



14.6362, 16.0461, 14.3826



27.5776, 29.3372, 30.3800



13.9429, 14.0954, 14.0427



6.3504, 6.7726, 6.9324



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.



14.6362, 16.0461, 14.3826



25.7658, 28.5360, 24.2950



13.8782, 15.6553, 14.3472



3.5702, 3.8793, 3.6339



11.1292, 15.6810, 2.4402



54.6597, 77.7121, 12.1191

Inverse Universe

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



13.1320, 13.1907, 17.4776



22.4638, 22.2674, 31.0896



13.8841, 13.5784, 17.5128



3.2831, 3.3342, 4.2247



3.8512, 1.5948, 17.8265



18.5370, 7.6105, 88.7711

Previews

White Background



This preview shows how the XYZ color 14.6358, 16.0454, 14.3823 looks on a white background.

Color Contrast Check

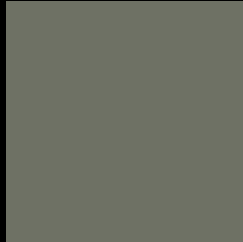
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6358, 16.0454, 14.3823 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

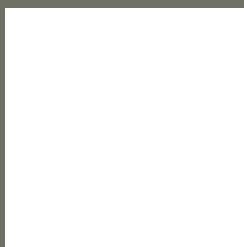
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6358, 16.0454, 14.3823

Background



This preview shows how black text looks on a background with the XYZ color 14.6358, 16.0454, 14.3823.

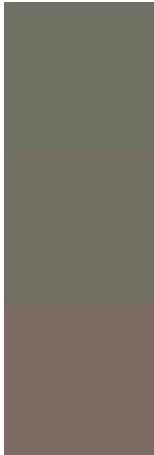


This preview shows how white text looks on a background with the XYZ color 14.6358, 16.0454,

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

14.6358, 16.0454, 14.3823

Protanopia

15.1390, 15.9827, 14.0914

Deuteranopia

16.2108, 15.8906, 14.5247



Tritanopia

15.7158, 15.9945, 19.7117

Trichromacy



Original Color

14.6358, 16.0454, 14.3823

Protanomaly

14.9857, 16.0666, 14.1157

Deuteranomaly

15.5633, 15.8699, 14.5548

Tritanomaly

15.2912, 15.9835, 17.6084

Monochromacy



Original Color

14.6358, 16.0454, 14.3823

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0036, 16.0294, 16.2131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6358, 16.0454, 14.3823 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, 113, 100)` looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 100)  
}
```

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, 113, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.6358, 16.0454, 14.3823 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, 113, 100) }
```


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

```
.border{ border-color:rgb(110, 113, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 113, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 100);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6358, 16.0454, 14.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 100) }
```

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

```
.background{ background-color: rgb(110,  
113, 100) }
```

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