

Converting Colors

XYZ(14.6820, 15.7388, 17.6517)

Have a look what the booklet for
XYZ(14.6820, 15.7388, 17.6517)
contains.

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Color

**XYZ(14.6725, 15.6645,
17.5795)**

Conversions

Conversions Part 1	
Format	Color
Hex	6B6F70
RGB	107, 111, 112
RGB Percent	42%, 44%, 44%
CMY	0.5804, 0.5647, 0.5608
CMYK	0.04, 0.01, 0.00, 0.56
HSL	192°, 2%, 43%
HSV	192°, 4%, 44%
XYZ	14.6725, 15.6645, 17.5795
YIQ	109.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

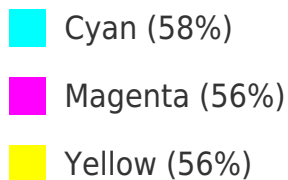
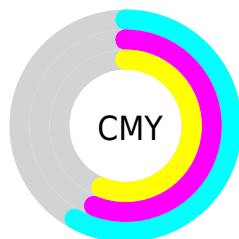
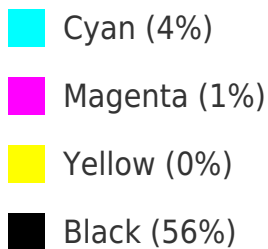
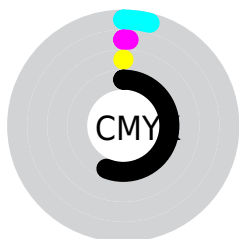
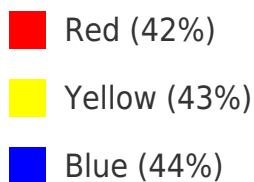
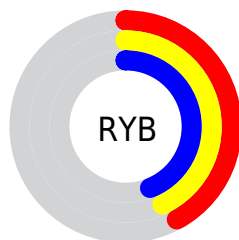
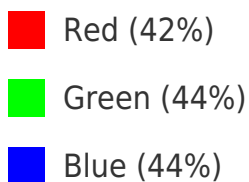
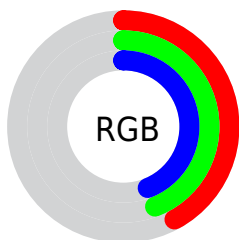
Format	Color
RYB	107, 109, 112
Decimal	7040880
CIELab	46.53, -1.31, -1.09
CIELCh	47, 1.706, 219.800
Yxy	15.6645, 0.3062, 0.3269
Android (android.graphics.Color)	4285230960 (0xFF6B6F70)
YUV	109.9180, 1.0264, -2.5591
Hunter-Lab	39.5784, -3.0887, 1.3701

Details

The XYZ color **14.6725, 15.6645, 17.5795** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6987, 15.2314, 16.0755**, and the grayscale version is **14.7956, 15.5661, 16.9515**.

A 20% lighter version of the original color is **33.8986, 36.1438, 40.3118**, and **4.5664, 4.8858, 5.5529** is the 20% darker color. If you saturate the color by 10%, you get **13.1713, 14.5332, 17.4405**, and if you desaturate by 10%, it is **16.3551, 16.8992, 17.7294**.


Distribution



Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6725, 15.6645, 17.5795 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 14.6725, 15.6645, 17.5795 by changing the saturation by 10% instead.


 14.6725, 15.6645,
17.5795


 14.6725, 15.6645,
17.5795


214.8032,
227.3538, 250.6461


 8.6747, 9.2871,
10.4822


 33.8540, 36.0148,
40.1237


 4.5850, 4.9289,
5.6101


 47.7684, 50.7564,
56.4077

 2.0381, 2.2056,
2.5445

 65.0524, 69.0549,
76.5910

 0.6552, 0.7230,
0.8636

 86.0713, 91.2946,
101.0921

 0.0000, 0.0000,
0.0000

111.1904,
117.8599, 130.3297

140.7753,

149.1353, 164.7222

175.1911,
185.5051, 204.6881

■ 14.6725, 15.6645,
17.5795

■ 14.6725, 15.6645,
17.5795

■ 13.1713, 14.5332,
17.4405

■ 16.3551, 16.8992,
17.7294

■ 11.8436, 13.5000,
17.3110

■ 18.2242, 18.2388,
17.8894

■ 10.6826, 12.5616,
17.1911

■ 20.2862, 19.6871,
18.0603

■ 9.6807, 11.7141,
17.0803

■ 22.5469, 21.2470,
18.2422

■ 8.8297, 10.9533,
16.9783

■ 25.0117, 22.9215,
18.4355

8.1207, 10.2743,
16.8846

27.6861, 24.7134,
18.6405

7.5435, 9.6720,
16.7988

30.5749, 26.6253,
18.8572

7.0869, 9.1405,
16.7203

33.6832, 28.6599,
19.0861

6.7324, 8.6701,
16.6482

37.0158, 30.8196,
19.3273

Harmonies

Analogous

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



14.6118, 15.6645, 17.1942



14.6725, 15.6645, 17.5795



14.7912, 15.6645, 17.8271

Triad

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



14.6725, 15.6645, 17.5795



15.1555, 15.6645, 17.3371



14.8406, 15.6645, 16.2705

Complementary

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



14.6725, 15.6645, 17.5795



14.6987, 15.2314, 16.0755

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.



14.9865, 15.6645, 16.3074



14.6725, 15.6645, 17.5795



15.1690, 15.6645, 16.9185

Square

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



14.6725, 15.6645, 17.5795



15.0703, 15.6645, 17.6856



15.1069, 15.6645, 16.5430



14.7084, 15.6645, 16.4415

Rectangle

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



14.6725, 15.6645, 17.5795



14.8877, 15.6645, 17.8785



15.1069, 15.6645, 16.5430



14.8896, 15.6645, 16.2591

Sweetspot

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



14.6729, 15.6652, 17.5798



26.7559, 28.2442, 30.9713



14.5602, 15.7954, 16.4459



6.4336, 6.7896, 7.4412



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.



14.6729, 15.6652, 17.5798



25.5907, 27.3813, 30.8661



14.4127, 15.1446, 17.4931



3.5571, 3.8094, 4.3020



7.5561, 9.7026, 19.1961



37.0255, 47.1029, 95.4195

Inverse Universe

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



14.8094, 15.1082, 17.1753



25.8654, 26.2627, 30.0509



14.9572, 15.7486, 16.1617



3.5974, 3.6456, 4.1825



9.8323, 4.8253, 11.4589



48.6687, 23.9128, 55.4471

Previews

White Background



This preview shows how the XYZ color 14.6725, 15.6645, 17.5795 looks on a white background.

Color Contrast Check

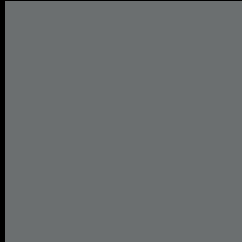
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6725, 15.6645, 17.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

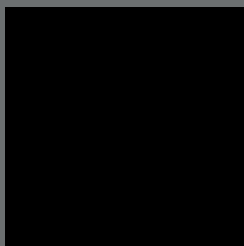
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

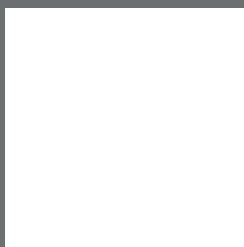
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6725, 15.6645, 17.5795

Background



This preview shows how black text looks on a background with the XYZ color 14.6725, 15.6645, 17.5795.



This preview shows how white text looks on a background with the XYZ color 14.6725, 15.6645,

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

14.6725, 15.6645, 17.5795

Protanopia

15.1273, 15.7443, 17.2806

Deuteranopia

15.9841, 15.7007, 17.8109



Tritanopia

15.0900, 15.6719, 19.6824

Trichromacy



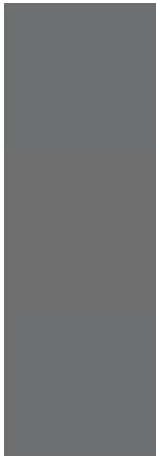
Original Color
14.6725, 15.6645, 17.5795

Protanomaly
14.8756, 15.6146, 17.2688

Deuteranomaly
15.4134, 15.5622, 17.8142

Tritanomaly
14.9127, 15.6010, 18.7483

Monochromacy



Original Color
14.6725, 15.6645, 17.5795

Achromatopsia
14.8208, 15.5926, 16.9804

Achromatomaly
14.7518, 15.5508, 17.2630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6725, 15.6645, 17.5795 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(107, 111, 112) looks like.

```
.text, #text, p{  
    color:rgb(107, 111, 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(107, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 111, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.6725, 15.6645, 17.5795 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(107, 111, 112) }
```


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

```
.border{ border-color:rgb(107, 111, 112) }
```

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

Here you see how a box with a 4 pixel rgb(107, 111, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(107, 111,  
112) }
```


Background

The CSS property to change the background color of an element to XYZ 14.6725, 15.6645, 17.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 111, 112) }
```

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

```
.background{ background-color: rgb(107,  
111, 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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