

Converting Colors

XYZ(16.2627, 17.7505, 17.4224)

Have a look what the booklet for
XYZ(16.2627, 17.7505, 17.4224)
contains.

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Color

**XYZ(16.2323, 17.6601,
17.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	72766E
RGB	114, 118, 110
RGB Percent	45%, 46%, 43%
CMY	0.5529, 0.5372, 0.5686
CMYK	0.03, 0.00, 0.07, 0.54
HSL	90°, 4%, 45%
HSV	90°, 7%, 46%
XYZ	16.2323, 17.6601, 17.3050
YIQ	115.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

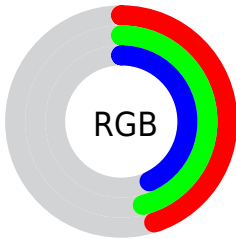
Format	Color
R_{YB}	110, 118, 114
Decimal	7501422
CIE Lab	49.08, -3.12, 3.87
CIE LCh	49, 4.972, 128.805
Yxy	17.6601, 0.3171, 0.3449
Android (android.graphics.Color)	4285691502 (0xFF72766E)
YUV	115.8920, -2.9048, -1.6593
Hunter-Lab	42.0239, -4.5939, 5.0018

Details

The XYZ color **16.2323, 17.6601, 17.3050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7861, 16.0378, 19.4041**, and the grayscale version is **16.5764, 17.4396, 18.9918**.

A 20% lighter version of the original color is **36.6222, 39.4651, 39.8697**, and **5.3064, 5.8864, 5.4139** is the 20% darker color. If you saturate the color by 10%, you get **14.8891, 17.0375, 14.1088**, and if you desaturate by 10%, it is **17.7116, 18.3440, 20.9550**.

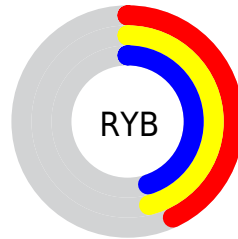
Distribution



Red (45%)

Green (46%)

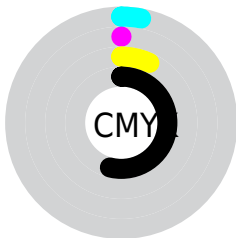
Blue (43%)



Red (43%)

Yellow (46%)

Blue (45%)

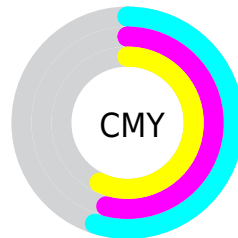


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2323, 17.6601, 17.3050 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 16.2323, 17.6601, 17.3050 by changing the saturation by 10% instead.

■ 16.2323, 17.6601,
17.3050

■ 16.2323, 17.6601,
17.3050

223.9521,
238.9482, 249.0271

■ 9.7806, 10.7062,
10.2879

■ 36.5552, 39.4573,
39.6472

■ 5.3149, 5.8697,
5.4822

■ 51.1571, 55.0694,
55.8095

■ 2.4698, 2.7660,
2.4692

■ 69.2065, 74.3364,
75.8573

■ 0.8801, 1.0108,
0.8238

■ 91.0686, 97.6426,
100.2090

■ 0.0000, 0.0000,
0.0000

117.1089,
125.3725, 129.2833

147.6926,

157.9105, 163.4988

183.1853,
195.6409, 203.2738

■ 16.2323, 17.6601,
17.3050

■ 16.2323, 17.6601,
17.3050

■ 14.8891, 17.0375,
14.1088

■ 17.7116, 18.3440,
20.9550

■ 13.6763, 16.4722,
11.3475

■ 19.3297, 19.0886,
25.0744

■ 12.5898, 15.9628,
9.0026

■ 21.0909, 19.8964,
29.6795

■ 11.6248, 15.5075,
7.0538

■ 22.9989, 20.7690,
34.7854

■ 10.7762, 15.1040,
5.4793

■ 25.0574, 21.7079,
40.4067

■ 10.0383, 14.7499,
4.2547

■ 27.2697, 22.7146,
46.5571

■ 9.4048, 14.4427,
3.3533

■ 29.6392, 23.7904,
53.2500

■ 8.8689, 14.1793,
2.7441

■ 32.1691, 24.9368,
60.4985

■ 8.4164, 13.9541,
2.3589

■ 34.8626, 26.1552,
68.3149

Harmonies

Analogous

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



16.6492, 17.6601, 16.8120



16.2323, 17.6601, 17.3050



15.9670, 17.6601, 18.3195

Triad

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



16.2323, 17.6601, 17.3050



16.4648, 17.6601, 21.7117



17.6829, 17.6601, 18.8403

Complementary

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



16.2323, 17.6601, 17.3050



15.7861, 16.0378, 19.4041

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.



17.6313, 17.6601, 20.1678



16.2323, 17.6601, 17.3050



16.9224, 17.6601, 21.8669

Square

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



16.2323, 17.6601, 17.3050



16.0995, 17.6601, 20.8755



17.3509, 17.6601, 21.2902



17.4905, 17.6601, 17.6712

Rectangle

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



16.2323, 17.6601, 17.3050



15.9088, 17.6601, 19.1756



17.3509, 17.6601, 21.2902



17.6936, 17.6601, 19.2822

Sweetspot

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



16.2328, 17.6609, 17.3054



29.7412, 31.6068, 33.3620



16.3037, 17.0127, 17.1765



6.8474, 7.2713, 7.6938



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



16.2328, 17.6609, 17.3054



28.1917, 30.8901, 29.5823



15.7238, 17.3985, 17.2816



3.7988, 4.1797, 3.9488



8.9439, 15.0151, 2.4268



42.5967, 72.6612, 11.7799

Inverse Universe

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



15.7861, 16.0378, 19.4041



27.2509, 27.4712, 34.0032



16.3179, 16.3119, 19.4290



3.6589, 3.6715, 4.6061



5.4762, 2.4144, 18.7200



25.6978, 11.2562, 91.1785

Previews

White Background



This preview shows how the XYZ color 16.2323, 17.6601, 17.3050 looks on a white background.

Color Contrast Check

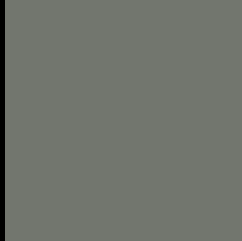
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2323, 17.6601, 17.3050 looks on a black 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

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

XYZ 16.2323, 17.6601, 17.3050

Background



This preview shows how black text looks on a background with the XYZ color 16.2323, 17.6601, 17.3050.



This preview shows how white text looks on a background with the XYZ color 16.2323, 17.6601,

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

16.2323, 17.6601, 17.3050

Protanopia

16.7514, 17.5880, 16.9799

Deuteranopia

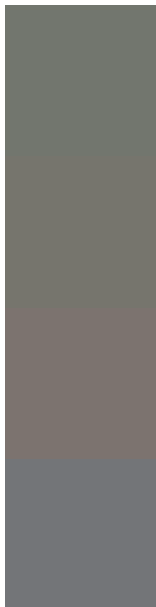
17.9803, 17.7038, 17.5084



Tritanopia

17.1495, 17.6845, 21.9116

Trichromacy



Original Color

16.2323, 17.6601, 17.3050

Protanomaly

16.5928, 17.6783, 17.0057

Deuteranomaly

17.3122, 17.6943, 17.5418

Tritanomaly

16.8217, 17.7235, 20.3037

Monochromacy



Original Color

16.2323, 17.6601, 17.3050

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4688, 17.5823, 18.4453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2323, 17.6601, 17.3050 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(114, 118, 110)` looks like.

```
.text, #text, p{  
    color:rgb(114, 118, 110)  
}
```

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(114, 118, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 118, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.2323, 17.6601, 17.3050 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(114, 118, 110) }
```


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

```
.border{ border-color:rgb(114, 118, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 118, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 118, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 118, 110);  
box-shadow:4px 4px 4px 4px rgb(114, 118,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2323, 17.6601, 17.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 118, 110) }
```

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

```
.background{ background-color: rgb(114,  
118, 110) }
```

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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