

Converting Colors

XYZ(16.3274, 16.9990, 17.5862)

Have a look what the booklet for
XYZ(16.3274, 16.9990, 17.5862)
contains.

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Color

**XYZ(16.3578, 17.0339,
17.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	76726F
RGB	118, 114, 111
RGB Percent	46%, 45%, 44%
CMY	0.5373, 0.5529, 0.5647
CMYK	0.00, 0.03, 0.06, 0.54
HSL	26°, 3%, 45%
HSV	26°, 6%, 46%
XYZ	16.3578, 17.0339, 17.4646
YIQ	114.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

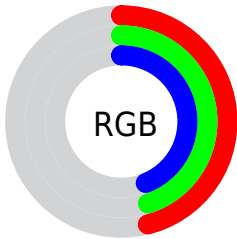
Format	Color
R_{YB}	118, 116, 111
Decimal	7762543
CIE Lab	48.30, 0.95, 2.20
CIE LCh	48, 2.398, 66.579
Yxy	17.0339, 0.3216, 0.3349
Android (android.graphics.Color)	4285952623 (0xFF76726F)
YUV	114.8540, -1.9000, 2.7590
Hunter-Lab	41.2721, -1.4796, 3.8015

Details

The XYZ color **16.3578, 17.0339, 17.4646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9563, 16.9487, 19.5703**, and the grayscale version is **16.2567, 17.1034, 18.6256**.

A 20% lighter version of the original color is **36.8246, 38.4628, 40.1335**, and **5.3712, 5.5574, 5.4922** is the 20% darker color. If you saturate the color by 10%, you get **15.0183, 15.3268, 14.0215**, and if you desaturate by 10%, it is **17.8401, 18.8888, 21.3792**.

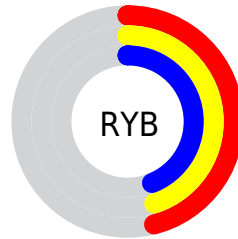
Distribution



Red (46%)

Green (45%)

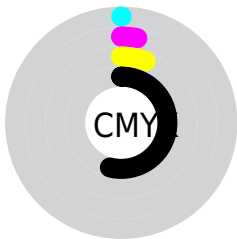
Blue (44%)



Red (46%)

Yellow (45%)

Blue (44%)

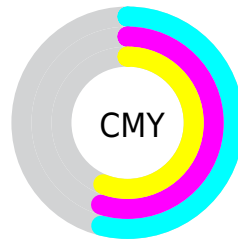


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3578, 17.0339, 17.4646 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 16.3578, 17.0339, 17.4646 by changing the saturation by 10% instead.

■ 16.3578, 17.0339,
17.4646

■ 16.3578, 17.0339,
17.4646

224.6730,
235.3677, 249.9696

■ 9.8701, 10.2587,
10.4008

■ 36.7707, 38.3841,
39.9244

■ 5.3745, 5.5708,
5.5565

■ 51.4267, 53.7278,
56.1576

■ 2.5057, 2.5859,
2.5129

■ 69.5361, 72.6964,
76.2842

■ 0.8981, 0.9196,
0.8470

■ 91.4644, 95.6744,
100.7230

■ 0.0000, 0.0000,
0.0000

117.5769,
123.0461, 129.8924

148.2389,

155.1960, 164.2109

183.8158,
192.5084, 204.0972

■ 16.3578, 17.0339,
17.4646

■ 16.3578, 17.0339,
17.4646

■ 15.0183, 15.3268,
14.0215

■ 17.8401, 18.8888,
21.3792

■ 13.8157, 13.7616,
11.0310

■ 19.4681, 20.8930,
25.7813

■ 12.7457, 12.3352,
8.4740

■ 21.2465, 23.0506,
30.6874

■ 11.8030, 11.0434,
6.3303

■ 23.1791, 25.3650,
36.1128

■ 10.9824, 9.8820,
4.5774

■ 25.2698, 27.8393,
42.0724

■ 10.2778, 8.8463,
3.1912

■ 27.5223, 30.4768,
48.5804

■ 9.6828, 7.9314,
2.1445

■ 29.9400, 33.2804,
55.6503

■ 9.1900, 7.1320,
1.4063

■ 32.5264, 36.2531,
63.2952

■ 8.7868, 6.4405,
0.9179

■ 35.2849, 39.3977,
71.5280

Harmonies

Analogous

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



16.5300, 17.0339, 17.8391



16.3578, 17.0339, 17.4646



16.1421, 17.0339, 17.3771

Triad

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



16.3578, 17.0339, 17.4646



15.7764, 17.0339, 18.6852



16.4419, 17.0339, 19.5302

Complementary

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



16.3578, 17.0339, 17.4646



15.9563, 16.9487, 19.5703

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.



16.2384, 17.0339, 19.7683



16.3578, 17.0339, 17.4646



15.8551, 17.0339, 19.2734

Square

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



16.3578, 17.0339, 17.4646



15.8077, 17.0339, 18.0728



16.0238, 17.0339, 19.6733



16.5788, 17.0339, 19.0295

Rectangle

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



16.3578, 17.0339, 17.4646



16.0029, 17.0339, 17.4915



16.0238, 17.0339, 19.6733



16.3789, 17.0339, 19.6441

Sweetspot

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



16.3583, 17.0346, 17.4650



29.7443, 31.1869, 33.2808



16.2552, 16.4604, 18.5655



6.8481, 7.1822, 7.6766



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.



16.3583, 17.0346, 17.4650



28.4568, 29.5652, 29.9123



16.7507, 17.8194, 17.5958



3.8606, 4.0106, 4.0555



9.3331, 6.6674, 0.7950



44.6650, 30.8585, 3.6022

Inverse Universe

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



15.9563, 16.9487, 19.5703



27.6087, 29.3840, 34.3535



15.5741, 16.1843, 19.4429



3.7447, 3.9858, 4.6622



5.7218, 5.7833, 19.3573



27.0201, 26.4567, 94.0428

Previews

White Background



This preview shows how the XYZ color 16.3578, 17.0339, 17.4646 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 16.3578, 17.0339, 17.4646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

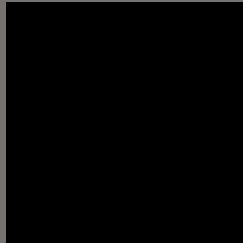
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3578, 17.0339, 17.4646

Background



This preview shows how black text looks on a background with the XYZ color 16.3578, 17.0339, 17.4646.



This preview shows how white text looks on a background with the XYZ color 16.3578, 17.0339,

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

16.3578, 17.0339, 17.4646

Protanopia

16.3578, 17.0339, 17.4646

Deuteranopia

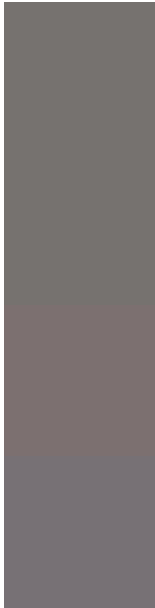
17.3615, 17.0508, 17.7053



Tritanopia

16.8531, 16.8908, 20.4611

Trichromacy



Original Color

16.3578, 17.0339, 17.4646

Protanomaly

16.3578, 17.0339, 17.4646

Deuteranomaly

17.0310, 17.0433, 17.7213

Tritanomaly

16.7238, 17.0165, 19.2327

Monochromacy



Original Color

16.3578, 17.0339, 17.4646

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3705, 17.1894, 18.3747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3578, 17.0339, 17.4646 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(118, 114, 111)` looks like.

```
.text, #text, p{  
    color:rgb(118, 114, 111)  
}
```

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(118, 114, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 114, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.3578, 17.0339, 17.4646 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(118, 114, 111) }
```


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

```
.border{ border-color:rgb(118, 114, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 114, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 114, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 114, 111);  
box-shadow:4px 4px 4px 4px rgb(118, 114,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3578, 17.0339, 17.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 114, 111) }
```

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

```
.background{ background-color: rgb(118,  
114, 111) }
```

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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