

Converting Colors

XYZ(16.4713, 17.0527, 16.9096)

Have a look what the booklet for
XYZ(16.4713, 17.0527, 16.9096)
contains.

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Color

**XYZ(16.5234, 17.1318,
16.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	78726D
RGB	120, 114, 109
RGB Percent	47%, 45%, 43%
CMY	0.5294, 0.5529, 0.5725
CMYK	0.00, 0.05, 0.09, 0.53
HSL	27°, 5%, 45%
HSV	27°, 9%, 47%
XYZ	16.5234, 17.1318, 16.9039
YIQ	115.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

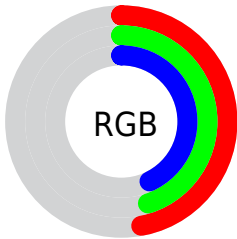
Format	Color
R_{YB}	120, 118, 109
Decimal	7893613
CIE Lab	48.43, 1.36, 3.59
CIE LCh	48, 3.836, 69.261
Yxy	17.1318, 0.3268, 0.3388
Android (android.graphics.Color)	4286083693 (0xFF78726D)
YUV	115.2240, -3.0684, 4.1886
Hunter-Lab	41.3906, -1.1751, 4.7594

Details

The XYZ color **16.5234, 17.1318, 16.9039** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8277, 16.8686, 20.1914**, and the grayscale version is **16.3720, 17.2246, 18.7576**.

A 20% lighter version of the original color is **36.9946, 38.5812, 38.7548**, and **5.4902, 5.6219, 5.3532** is the 20% darker color. If you saturate the color by 10%, you get **15.2093, 15.4676, 13.4934**, and if you desaturate by 10%, it is **17.9795, 18.9384, 20.7973**.

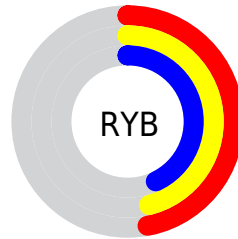
Distribution



Red (47%)

Green (45%)

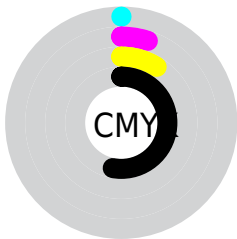
Blue (43%)



Red (47%)

Yellow (46%)

Blue (43%)

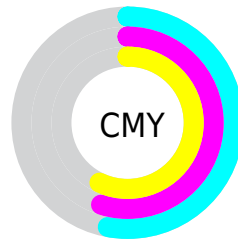


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5234, 17.1318, 16.9039 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 16.5234, 17.1318, 16.9039 by changing the saturation by 10% instead.

■ 16.5234, 17.1318,
16.9039

■ 16.5234, 17.1318,
16.9039

225.6209,
235.9308, 246.6431

■ 9.9885, 10.3285,
10.0048

■ 37.0547, 38.5522,
38.9489

■ 5.4535, 5.6173,
5.2965

■ 51.7817, 53.9382,
54.9318

■ 2.5532, 2.6138,
2.3605

■ 69.9701, 72.9538,
74.7797

■ 0.9222, 0.9336,
0.7648

■ 91.9853, 95.9835,
98.9111

■ 0.0000, 0.0000,
0.0000

118.1926,
123.4116, 127.7446

148.9574,

155.6226, 161.6988

184.6451,
193.0009, 201.1921

■ 16.5234, 17.1318,
16.9039

■ 16.5234, 17.1318,
16.9039

■ 15.2093, 15.4676,
13.4934

■ 17.9795, 18.9384,
20.7973

■ 14.0311, 13.9400,
10.5457

■ 19.5806, 20.8886,
25.1906

■ 12.9844, 12.5459,
8.0407

■ 21.3313, 22.9866,
30.1011

■ 12.0639, 11.2814,
5.9566

■ 23.2358, 25.2355,
35.5452

■ 11.2639, 10.1422,
4.2697

■ 25.2978, 27.6384,
41.5382

■ 10.5784, 9.1239,
2.9538

■ 27.5210, 30.1984,
48.0953

■ 10.0005, 8.2216,
1.9795

■ 29.9092, 32.9185,
55.2306

■ 9.5224, 7.4300,
1.3130

■ 32.4657, 35.8013,
62.9580

■ 9.1228, 6.7383,
0.8485

■ 35.1939, 38.8498,
71.2908

Harmonies

Analogous

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



16.8114, 17.1318, 17.4570



16.5234, 17.1318, 16.9039



16.1749, 17.1318, 16.8104

Triad

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



16.5234, 17.1318, 16.9039



15.6263, 17.1318, 18.9664



16.7141, 17.1318, 20.1904

Complementary

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



16.5234, 17.1318, 16.9039



15.8277, 16.8686, 20.1914

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.



16.3921, 17.1318, 20.6269



16.5234, 17.1318, 16.9039



15.7663, 17.1318, 19.9037

Square

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



16.5234, 17.1318, 16.9039



15.6603, 17.1318, 17.9776



16.0455, 17.1318, 20.5201



16.9226, 17.1318, 19.3464

Rectangle

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



16.5234, 17.1318, 16.9039



15.9556, 17.1318, 17.0178



16.0455, 17.1318, 20.5201



16.6154, 17.1318, 20.3910

Sweetspot

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



16.5239, 17.1326, 16.9043



30.5919, 32.0379, 33.8001



16.3121, 16.1696, 18.4964



7.2060, 7.5381, 7.8923



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.5239, 17.1326, 16.9043



28.5555, 29.4964, 28.4003



17.1569, 18.3986, 17.1153



4.1345, 4.2874, 4.2341



9.9042, 7.2643, 0.8801



46.4150, 32.9935, 3.9220

Inverse Universe

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



15.8277, 16.8686, 20.1914



27.0706, 28.9336, 35.4110



15.2246, 15.6626, 19.9904



3.9618, 4.2219, 5.0493



5.7737, 5.6299, 20.1677



26.6817, 25.1360, 95.9153

Previews

White Background



This preview shows how the XYZ color 16.5234, 17.1318, 16.9039 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 16.5234, 17.1318, 16.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

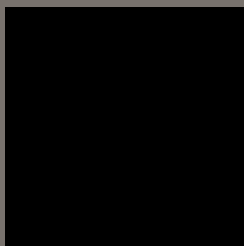
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

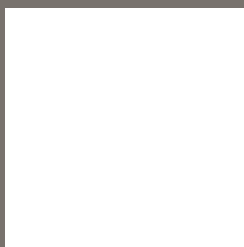
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5234, 17.1318, 16.9039

Background



This preview shows how black text looks on a background with the XYZ color 16.5234, 17.1318, 16.9039.



This preview shows how white text looks on a background with the XYZ color 16.5234, 17.1318,

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

16.5234, 17.1318, 16.9039

Protanopia

16.3623, 17.2171, 16.9289

Deuteranopia

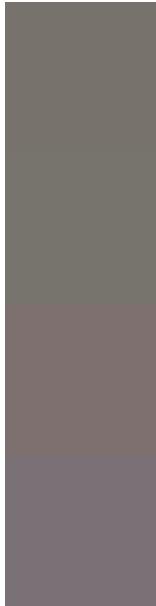
17.4010, 17.0839, 17.1322



Tritanopia

17.2714, 17.1064, 20.4807

Trichromacy



Original Color

16.5234, 17.1318, 16.9039

Protanomaly

16.4988, 17.2875, 16.9352

Deuteranomaly

17.0661, 17.0741, 17.1480

Tritanomaly

17.0012, 17.1596, 19.2457

Monochromacy



Original Color

16.5234, 17.1318, 16.9039

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4475, 17.2356, 18.0827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5234, 17.1318, 16.9039 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(120, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(120, 114, 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(120, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.5234, 17.1318, 16.9039 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(120, 114, 109) }
```


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

```
.border{ border-color:rgb(120, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(120, 114,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5234, 17.1318, 16.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 114, 109) }
```

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

```
.background{ background-color: rgb(120,  
114, 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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