

Converting Colors

XYZ(16.9325, 17.3431, 16.1902)

Have a look what the booklet for
XYZ(16.9325, 17.3431, 16.1902)
contains.

XYZ(16.9310, 17.3603, 16.0942)	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(16.9310, 17.3603,
16.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	7C726A
RGB	124, 114, 106
RGB Percent	49%, 45%, 42%
CMY	0.5137, 0.5529, 0.5843
CMYK	0.00, 0.08, 0.15, 0.51
HSL	27°, 8%, 45%
HSV	27°, 15%, 49%
XYZ	16.9310, 17.3603, 16.0942
YIQ	116.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

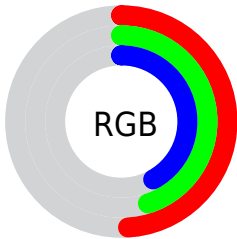
Format	Color
R_{YB}	124, 120, 106
Decimal	8155754
CIE Lab	48.71, 2.41, 5.82
CIE LCh	49, 6.301, 67.559
Yxy	17.3603, 0.3360, 0.3445
Android (android.graphics.Color)	4286345834 (0xFF7C726A)
YUV	116.0780, -4.9685, 6.9476
Hunter-Lab	41.6657, -0.3809, 6.2640

Details

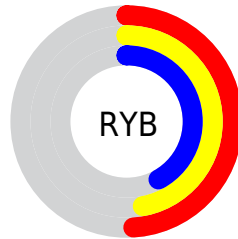
The XYZ color **16.9310, 17.3603, 16.0942** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8273, 17.0099, 21.5180**, and the grayscale version is **16.6377, 17.5041, 19.0620**.

A 20% lighter version of the original color is **37.8535, 39.0539, 37.4413**, and **5.6393, 5.7081, 4.9422** is the 20% darker color. If you saturate the color by 10%, you get **15.5845, 15.6257, 12.6907**, and if you desaturate by 10%, it is **18.4302, 19.2508, 20.0091**.

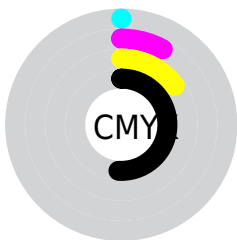
Distribution



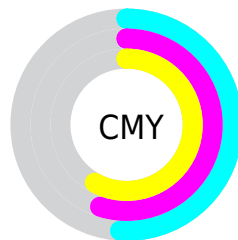
- Red (49%)
- Green (45%)
- Blue (42%)



- Red (49%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9310, 17.3603, 16.0942 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 16.9310, 17.3603, 16.0942 by changing the saturation by 10% instead.

■ 16.9310, 17.3603,
16.0942

■ 16.9310, 17.3603,
16.0942

227.9384,
237.2402, 241.7616

■ 10.2803, 10.4917,
9.4358

■ 37.7516, 38.9442,
37.5307

■ 5.6489, 5.7262,
4.9258

■ 52.6523, 54.4283,
53.1459

■ 2.6714, 2.6793,
2.1458

■ 71.0337, 73.5531,
72.5837

■ 0.9825, 0.9667,
0.6428

■ 93.2611, 96.7029,
96.2627

■ 0.0000, 0.0000,
0.0000

119.6999,
124.2621, 124.6015

150.7155,

156.6151, 158.0185

186.6732,
194.1464, 196.9324

■ 16.9310, 17.3603,
16.0942

■ 16.9310, 17.3603,
16.0942

■ 15.5845, 15.6257,
12.6907

■ 18.4302, 19.2508,
20.0091

■ 14.3841, 14.0405,
9.7761

■ 20.0857, 21.2988,
24.4546

■ 13.3246, 12.6011,
7.3278

■ 21.9027, 23.5090,
29.4498

■ 12.4000, 11.3029,
5.3211

■ 23.8858, 25.8849,
35.0131

■ 11.6039, 10.1410,
3.7288

■ 26.0392, 28.4303,
41.1615

■ 10.9291, 9.1103,
2.5207

■ 28.3672, 31.1484,
47.9118

■ 10.3676, 8.2050,
1.6624

■ 30.8738, 34.0427,
55.2796

■ 9.9086, 7.4182,
1.1049

■ 33.5628, 37.1163,
63.2803

■ 9.6845, 7.0296,
0.8464

■ 36.4381, 40.3725,
71.9287

Harmonies

Analogous

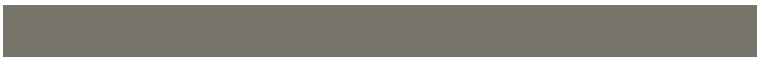
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4029, 17.3603, 17.0166



16.9310, 17.3603, 16.0942



16.3538, 17.3603, 15.9021

Triad

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



16.9310, 17.3603, 16.0942



15.4166, 17.3603, 19.3268



17.1915, 17.3603, 21.5565

Complementary

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



16.9310, 17.3603, 16.0942



15.8273, 17.0099, 21.5180

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.



16.6480, 17.3603, 22.2582



16.9310, 17.3603, 16.0942



15.6298, 17.3603, 20.9226

Square

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



16.9310, 17.3603, 16.0942



15.4883, 17.3603, 17.7061



16.0773, 17.3603, 22.0197



17.5557, 17.3603, 20.1515

Rectangle

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



16.9310, 17.3603, 16.0942



15.9885, 17.3603, 16.2030



16.0773, 17.3603, 22.0197



17.0232, 17.3603, 21.8861

Sweetspot

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



16.9315, 17.3611, 16.0946



32.5496, 34.0226, 35.5212



16.6305, 15.8590, 18.7688



7.6231, 7.9594, 8.2524



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9315, 17.3611, 16.0946



29.0837, 29.6417, 26.5020



17.9720, 19.4422, 16.4414



4.1313, 4.2811, 4.2331



9.8426, 7.1411, 0.8596



46.1280, 32.4194, 3.8264

Inverse Universe

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



15.8273, 17.0099, 21.5180



26.7986, 28.9148, 37.7253



14.8608, 15.0768, 21.1958



3.9650, 4.2282, 5.0503



5.8513, 5.7850, 20.1935



27.0519, 25.8765, 96.0387

Previews

White Background



This preview shows how the XYZ color 16.9310, 17.3603, 16.0942 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 16.9310, 17.3603, 16.0942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

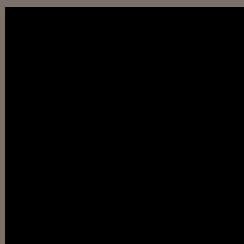
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

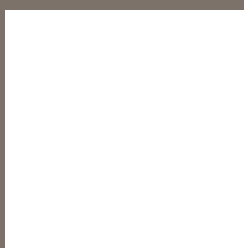
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9310, 17.3603, 16.0942

Background



This preview shows how black text looks on a background with the XYZ color 16.9310, 17.3603, 16.0942.



This preview shows how white text looks on a background with the XYZ color 16.9310, 17.3603,

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

16.9310, 17.3603, 16.0942

Protanopia

16.5303, 17.3161, 16.3810

Deuteranopia

17.6016, 17.3748, 16.0616



Tritanopia

17.8495, 17.4044, 20.5078

Trichromacy



Original Color

16.9310, 17.3603, 16.0942

Protanomaly

16.6697, 17.3880, 16.3875

Deuteranomaly

17.4087, 17.4401, 16.0844

Tritanomaly

17.5150, 17.4312, 18.9644

Monochromacy



Original Color

16.9310, 17.3603, 16.0942

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6631, 17.3533, 17.8005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9310, 17.3603, 16.0942 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(124, 114, 106)` looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 106)  
}
```

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(124, 114, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.9310, 17.3603, 16.0942 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(124, 114, 106) }
```


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

```
.border{ border-color:rgb(124, 114, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 114, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 106);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9310, 17.3603, 16.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 106) }
```

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

```
.background{ background-color: rgb(124,  
114, 106) }
```

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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