

Converting Colors

XYZ(16.9573, 16.2316, 17.2407)

Have a look what the booklet for
XYZ(16.9573, 16.2316, 17.2407)
contains.

XYZ(17.0290, 16.2523, 17.2784)	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(17.0290, 16.2523,
17.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	806B6F
RGB	128, 107, 111
RGB Percent	50%, 42%, 44%
CMY	0.4980, 0.5804, 0.5647
CMYK	0.00, 0.16, 0.13, 0.50
HSL	349°, 9%, 46%
HSV	349°, 16%, 50%
XYZ	17.0290, 16.2523, 17.2784
YIQ	113.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

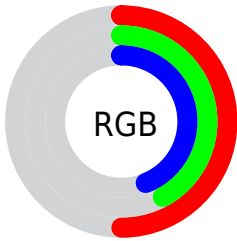
Format	Color
R_{YB}	128, 107, 111
Decimal	8416111
CIE _{Lab}	47.30, 9.01, 0.87
CIE _{LCh}	47, 9.053, 5.485
Yxy	16.2523, 0.3368, 0.3214
Android (android.graphics.Color)	4286606191 (0xFF806B6F)
YUV	113.7350, -1.3484, 12.5104
Hunter-Lab	40.3141, 4.8500, 2.8086




Details

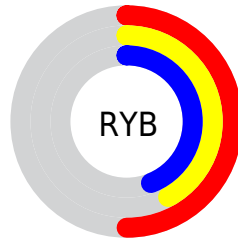
The XYZ color **17.0290, 16.2523, 17.2784** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4213, 20.0197, 22.0157**, and the grayscale version is **15.9168, 16.7457, 18.2361**.




A 20% lighter version of the original color is **37.8938, 36.9218, 39.7797**, and **5.7375, 5.2529, 5.4141** is the 20% darker color. If you saturate the color by 10%, you get **15.2542, 13.5633, 14.0330**, and if you desaturate by 10%, it is **19.0685, 19.3643, 20.9391**.

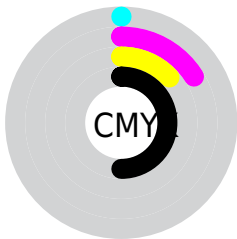
Distribution







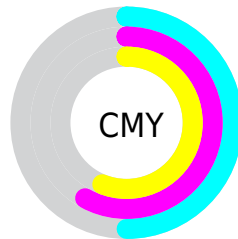
-  Red (50%)
-  Green (42%)
-  Blue (44%)






-  Red (50%)
-  Yellow (42%)
-  Blue (44%)



-  Cyan (0%)
-  Magenta (16%)
-  Yellow (13%)
-  Black (50%)



-  Cyan (50%)
-  Magenta (58%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0290, 16.2523, 17.2784 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 17.0290, 16.2523, 17.2784 by changing the saturation by 10% instead.

■ 17.0290, 16.2523,
17.2784

■ 17.0290, 16.2523,
17.2784

228.4924,
230.8259, 248.8697

■ 10.3506, 9.7029,
10.2691

■ 37.9188, 37.0357,
39.6010

■ 5.6961, 5.2024,
5.4698

■ 52.8610, 52.0384,
55.7514

■ 2.7001, 2.3665,
2.4620

■ 71.2884, 70.6276,
75.7860

■ 0.9972, 0.8086,
0.8199

■ 93.5665, 93.1878,
100.1232

■ 0.0000, 0.0000,
0.0000

120.0606,
120.1034, 129.1817

151.1360,

151.7586, 163.3799

187.1582,
188.5380, 203.1364

■ 17.0290, 16.2523,
17.2784

■ 17.0290, 16.2523,
17.2784

■ 15.2542, 13.5633,
14.0330

■ 19.0685, 19.3643,
20.9391

■ 13.7318, 11.2771,
11.1872

■ 21.3817, 22.9144,
25.0280

■ 12.4506, 9.3747,
8.7255

■ 23.9786, 26.9192,
29.5589

■ 11.3981, 7.8350,
6.6314

■ 26.8684, 31.3943,
34.5444

■ 10.5603, 6.6349,
4.8869

■ 30.0601, 36.3541,
39.9969

■ 9.9222, 5.7483,
3.4726

■ 33.5621, 41.8127,
45.9282

■ 9.4662, 5.1456,
2.3670

■ 37.3823, 47.7835,
52.3495

■ 9.1628, 4.7734,
1.5430

■ 41.5288, 54.2793,
59.2718

■ 9.0709, 4.6567,
1.3051

■ 46.0089, 61.3126,
66.7058

Harmonies

Analogous

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



16.8890, 16.2523, 19.5868



17.0290, 16.2523, 17.2784



16.7335, 16.2523, 15.2609

Triad

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



17.0290, 16.2523, 17.2784



14.5718, 16.2523, 14.3470



14.8181, 16.2523, 22.0126

Complementary

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



17.0290, 16.2523, 17.2784



17.4213, 20.0197, 22.0157

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.



14.2288, 16.2523, 20.3773



17.0290, 16.2523, 17.2784



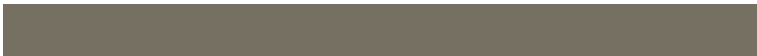
14.0901, 16.2523, 15.9310

Square

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



17.0290, 16.2523, 17.2784



15.3008, 16.2523, 13.6645



13.9667, 16.2523, 18.1203



15.5948, 16.2523, 22.4513

Rectangle

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



17.0290, 16.2523, 17.2784



16.3350, 16.2523, 14.3099



13.9667, 16.2523, 18.1203



14.5924, 16.2523, 21.5781

Sweetspot

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



17.0295, 16.2530, 17.2787



34.0704, 34.8553, 37.7513



17.4378, 16.3449, 22.6580



7.9231, 8.0784, 8.7432



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0295, 16.2530, 17.2787



28.6601, 26.6072, 28.0172



17.4951, 17.5287, 16.3721



4.3587, 4.3566, 4.6931



8.9948, 4.6176, 1.2963



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0295, 16.2530, 17.2787



28.6601, 26.6072, 28.0172



16.8830, 18.5303, 23.1090



4.3587, 4.3566, 4.6931



8.9948, 4.6176, 1.2963



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0290, 16.2523, 17.2784 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 17.0290, 16.2523, 17.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

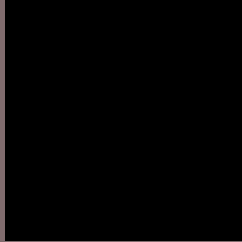
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0290, 16.2523, 17.2784

Background



This preview shows how black text looks on a background with the XYZ color 17.0290, 16.2523, 17.2784.



This preview shows how white text looks on a background with the XYZ color 17.0290, 16.2523,

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

17.0290, 16.2523, 17.2784

Protanopia

15.7709, 16.3807, 18.2502

Deuteranopia

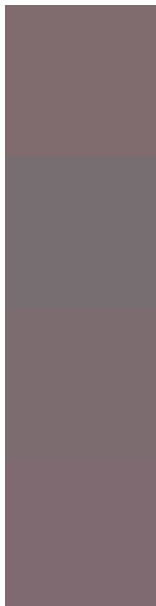
16.6501, 16.3701, 17.3211



Tritanopia

17.1506, 16.1351, 18.4301

Trichromacy



Original Color

17.0290, 16.2523, 17.2784

Protanomaly

16.1643, 16.2661, 17.9105

Deuteranomaly

16.6893, 16.2328, 17.2926

Tritanomaly

17.0934, 16.1122, 18.1286

Monochromacy



Original Color

17.0290, 16.2523, 17.2784

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.2728, 16.4831, 17.9467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0290, 16.2523, 17.2784 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(128, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(128, 107, 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(128, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 107, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.0290, 16.2523, 17.2784 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(128, 107, 111) }
```


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

```
.border{ border-color:rgb(128, 107, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(128, 107,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0290, 16.2523, 17.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 107, 111) }
```

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

```
.background{ background-color: rgb(128,  
107, 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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