

Converting Colors

XYZ(17.0687, 19.3879, 16.3733)

Have a look what the booklet for
XYZ(17.0687, 19.3879, 16.3733)
contains.

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Color

**XYZ(17.1376, 19.4208,
16.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	747D6A
RGB	116, 125, 106
RGB Percent	45%, 49%, 42%
CMY	0.5451, 0.5098, 0.5843
CMYK	0.07, 0.00, 0.15, 0.51
HSL	88°, 8%, 45%
HSV	88°, 15%, 49%
XYZ	17.1376, 19.4208, 16.4810
YIQ	120.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

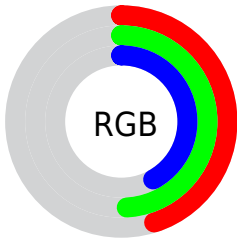
Format	Color
R_{YB}	106, 125, 115
Decimal	7634282
CIE _{Lab}	51.18, -7.08, 9.23
CIE _{LCh}	51, 11.636, 127.482
Yxy	19.4208, 0.3231, 0.3662
Android (android.graphics.Color)	4285824362 (0xFF747D6A)
YUV	120.1430, -6.9725, -3.6334
Hunter-Lab	44.0690, -7.7056, 8.6750

Details

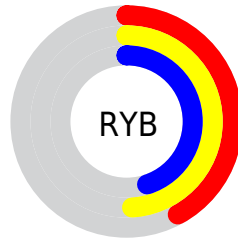
The XYZ color **17.1376, 19.4208, 16.4810** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9266, 15.4341, 21.5426**, and the grayscale version is **17.9202, 18.8535, 20.5314**.

A 20% lighter version of the original color is **38.1546, 42.5999, 38.1099**, and **5.7578, 6.7136, 5.1301** is the 20% darker color. If you saturate the color by 10%, you get **15.7723, 18.7872, 13.2676**, and if you desaturate by 10%, it is **18.6490, 20.1198, 20.1968**.

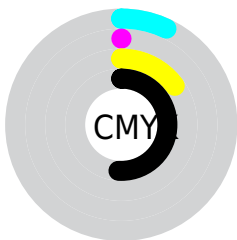
Distribution



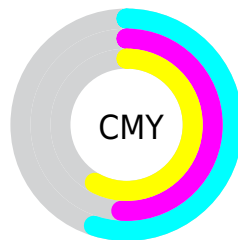
- Red (45%)
- Green (49%)
- Blue (42%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1376, 19.4208, 16.4810 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 17.1376, 19.4208, 16.4810 by changing the saturation by 10% instead.

■ 17.1376, 19.4208,
16.4810

■ 17.1376, 19.4208,
16.4810

229.1049,
248.7621, 244.1054

■ 10.4286, 11.9747,
9.7071

■ 38.1039, 42.4440,
38.2096

■ 5.7485, 6.7265,
5.1022

■ 53.0919, 58.7898,
54.0014

■ 2.7319, 3.2916,
2.2475

■ 71.5703, 78.8711,
73.6363

■ 1.0136, 1.2858,
0.7016

■ 93.9043, 103.0721,
97.5327

■ 0.0000, 0.1302,
0.0000

120.4595,
131.7774, 126.1093

■ 0.0000, 0.0000,
0.0000

151.6011,

165.3712, 159.7846

187.6944,
204.2379, 198.9771

■ 17.1376, 19.4208,
16.4810

■ 17.1376, 19.4208,
16.4810

■ 15.7723, 18.7872,
13.2676

■ 18.6490, 20.1198,
20.1968

■ 14.5464, 18.2145,
10.5337

■ 20.3096, 20.8838,
24.4338

■ 13.4551, 17.7012,
8.2567

■ 22.1244, 21.7155,
29.2118

■ 12.4928, 17.2450,
6.4115

■ 24.0977, 22.6167,
34.5488

■ 11.6531, 16.8431,
4.9707

■ 26.2337, 23.5892,
40.4622

■ 10.9293, 16.4929,
3.9037

■ 28.5363, 24.6346,
46.9685

■ 10.3137, 16.1909,
3.1755

■ 31.0093, 25.7546,
54.0835

■ 9.7946, 15.9327,
2.7313

■ 33.6563, 26.9506,
61.8227

■ 9.5662, 15.8187,
2.5491

■ 36.4811, 28.2243,
70.2008

Harmonies

Analogous

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



18.1706, 19.4208, 15.4355



17.1376, 19.4208, 16.4810



16.4786, 19.4208, 18.7979

Triad

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



17.1376, 19.4208, 16.4810



17.6197, 19.4208, 27.5965



20.7544, 19.4208, 20.3269

Complementary

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



17.1376, 19.4208, 16.4810



15.9266, 15.4341, 21.5426

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.



20.5918, 19.4208, 23.6819



17.1376, 19.4208, 16.4810



18.7502, 19.4208, 28.1152

Square

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



17.1376, 19.4208, 16.4810



16.7487, 19.4208, 25.2660



19.8464, 19.4208, 26.6173



20.2817, 19.4208, 17.5001

Rectangle

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



17.1376, 19.4208, 16.4810



16.3238, 19.4208, 20.8672



19.8464, 19.4208, 26.6173



20.7725, 19.4208, 21.4272

Sweetspot

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



17.1381, 19.4216, 16.4814



33.4169, 36.0385, 36.2228



17.1752, 17.6323, 16.1341



7.5642, 8.1804, 8.1468



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.



17.1381, 19.4216, 16.4814



29.8697, 34.3980, 27.5551



15.9551, 18.8118, 16.4261



4.4751, 4.9214, 4.6342



9.9756, 16.5050, 2.6600



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9266, 15.4341, 21.5426



27.2955, 25.9248, 38.3097



17.2217, 16.1017, 21.6032



4.2875, 4.3038, 5.4180



5.7513, 2.5186, 20.4330



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1376, 19.4208, 16.4810 looks on a white background.

Color Contrast Check

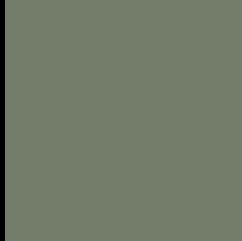
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.1376, 19.4208, 16.4810 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

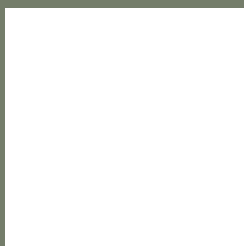
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1376, 19.4208, 16.4810

Background



This preview shows how black text looks on a background with the XYZ color 17.1376, 19.4208, 16.4810.

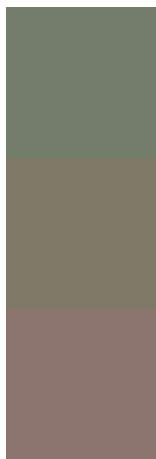


This preview shows how white text looks on a background with the XYZ color 17.1376, 19.4208,

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

17.1376, 19.4208, 16.4810

Protanopia

18.2381, 19.2634, 15.8537

Deuteranopia

19.7155, 19.2943, 16.8724



Tritanopia

18.6798, 19.3065, 24.2147

Trichromacy



Original Color

17.1376, 19.4208, 16.4810

Protanomaly

17.8215, 19.2241, 16.1359

Deuteranomaly

18.7304, 19.3198, 16.6518

Tritanomaly

18.0801, 19.2461, 21.1743

Monochromacy



Original Color

17.1376, 19.4208, 16.4810

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6618, 19.0788, 18.9714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1376, 19.4208, 16.4810 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(116, 125, 106)` looks like.

```
.text, #text, p{  
    color:rgb(116, 125, 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(116, 125, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 125, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.1376, 19.4208, 16.4810 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(116, 125, 106) }
```


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

```
.border{ border-color:rgb(116, 125, 106) }
```

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

Here you see how a box with a 4 pixel rgb(116, 125, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 125, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 125, 106);  
box-shadow:4px 4px 4px 4px rgb(116, 125,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1376, 19.4208, 16.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 125, 106) }
```

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

```
.background{ background-color: rgb(116,  
125, 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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