

Converting Colors

XYZ(17.2108, 19.5066, 15.4594)

Have a look what the booklet for
XYZ(17.2108, 19.5066, 15.4594)
contains.

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Color

**XYZ(17.2031, 19.4781,
15.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	767D66
RGB	118, 125, 102
RGB Percent	46%, 49%, 40%
CMY	0.5373, 0.5098, 0.6000
CMYK	0.06, 0.00, 0.18, 0.51
HSL	78°, 10%, 45%
HSV	78°, 18%, 49%
XYZ	17.2031, 19.4781, 15.4233
YIQ	120.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

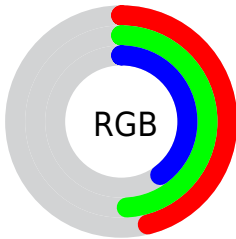
Format	Color
R_{YB}	102, 125, 109
Decimal	7765350
CIE _{Lab}	51.24, -7.01, 11.68
CIE _{LCh}	51, 13.618, 120.959
Yxy	19.4781, 0.3302, 0.3738
Android (android.graphics.Color)	4285955430 (0xFF767D66)
YUV	120.2850, -9.0145, -2.0039
Hunter-Lab	44.1340, -7.6565, 10.1740

Details

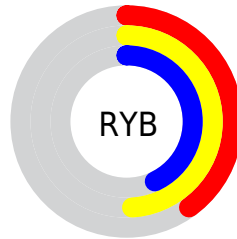
The XYZ color **17.2031, 19.4781, 15.4233** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7605, 14.2351, 21.3728**, and the grayscale version is **17.9716, 18.9075, 20.5902**.

A 20% lighter version of the original color is **38.2477, 42.6867, 36.3605**, and **5.7998, 6.7468, 4.6110** is the 20% darker color. If you saturate the color by 10%, you get **16.1231, 18.9882, 12.3771**, and if you desaturate by 10%, it is **18.3985, 20.0178, 18.9637**.

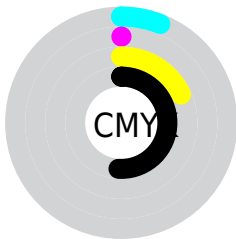
Distribution



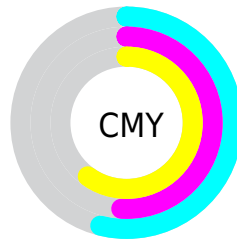
- Red (46%)
- Green (49%)
- Blue (40%)



- Red (40%)
- Yellow (49%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2031, 19.4781, 15.4233 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 17.2031, 19.4781, 15.4233 by changing the saturation by 10% instead.

■ 17.2031, 19.4781,
15.4233

■ 17.2031, 19.4781,
15.4233

229.4736,
249.0756, 237.6426

■ 10.4756, 12.0162,
8.9671

■ 38.2155, 42.5404,
36.3468

■ 5.7801, 6.7547,
4.6232

■ 53.2311, 58.9097,
51.6512

■ 2.7512, 3.3092,
1.9731

■ 71.7401, 79.0169,
70.7421

■ 1.0236, 1.2952,
0.5387

■ 94.1078, 103.2464,
94.0380

■ 0.0000, 0.1375,
0.0000

120.6997,
131.9826, 121.9575

■ 0.0000, 0.0000,
0.0000

151.8810,

165.6100, 154.9190

188.0172,
204.5128, 193.3412

■ 17.2031, 19.4781,
15.4233

■ 17.2031, 19.4781,
15.4233

■ 16.1231, 18.9882,
12.3771

■ 18.3985, 20.0178,
18.9637

■ 15.1525, 18.5439,
9.8020

■ 19.7119, 20.6065,
23.0178

■ 14.2872, 18.1440,
7.6746

■ 21.1478, 21.2467,
27.6053

■ 13.5220, 17.7864,
5.9692

■ 22.7098, 21.9398,
32.7446

■ 12.8512, 17.4690,
4.6576

■ 24.4015, 22.6873,
38.4534

■ 12.2685, 17.1890,
3.7080

■ 26.2264, 23.4906,
44.7484

■ 11.7668, 16.9437,
3.0837

■ 28.1877, 24.3511,
51.6456

■ 11.3276, 16.7255,
2.6887

■ 30.2885, 25.2700,
59.1605

■ 11.2596, 16.6917,
2.6284

■ 32.5319, 26.2485,
67.3081

Harmonies

Analogous

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



18.4697, 19.4781, 14.5790



17.2031, 19.4781, 15.4233



16.3243, 19.4781, 17.7833

Triad

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



17.2031, 19.4781, 15.4233



17.2752, 19.4781, 28.4363



21.2471, 19.4781, 21.0835

Complementary

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



17.2031, 19.4781, 15.4233



14.7605, 14.2351, 21.3728

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.



20.8898, 19.4781, 25.0471



17.2031, 19.4781, 15.4233



18.5571, 19.4781, 29.5930

Square

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



17.2031, 19.4781, 15.4233



16.3645, 19.4781, 25.2900



19.8885, 19.4781, 28.2845



20.8425, 19.4781, 17.5913

Rectangle

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



17.2031, 19.4781, 15.4233



16.0539, 19.4781, 20.0555



19.8885, 19.4781, 28.2845



21.2120, 19.4781, 22.4046

Sweetspot

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



17.2036, 19.4790, 15.4237



33.4573, 36.0751, 35.5138



16.3144, 16.2359, 14.8446



7.5844, 8.1941, 7.9990



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.



17.2036, 19.4790, 15.4237



29.9822, 34.5069, 25.2602



15.7479, 18.7285, 15.3556



4.5419, 4.9558, 4.6373



11.7437, 17.4165, 2.7428



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7605, 14.2351, 21.3728



24.7752, 23.3295, 37.9416



16.2551, 15.0056, 21.4427



4.2225, 4.2703, 5.4150



4.6932, 1.9731, 20.3834



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2031, 19.4781, 15.4233 looks on a white background.

Color Contrast Check

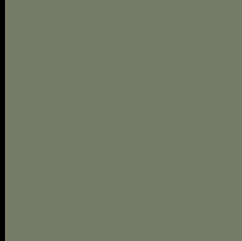
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2031, 19.4781, 15.4233 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

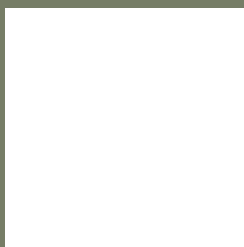
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2031, 19.4781, 15.4233

Background



This preview shows how black text looks on a background with the XYZ color 17.2031, 19.4781, 15.4233.



This preview shows how white text looks on a background with the XYZ color 17.2031, 19.4781,

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

17.2031, 19.4781, 15.4233

Protanopia

18.3130, 19.5063, 14.8565

Deuteranopia

19.6752, 19.2975, 15.7845



Tritanopia

18.9601, 19.4510, 24.2278

Trichromacy



Original Color

17.2031, 19.4781, 15.4233

Protanomaly

17.8894, 19.4655, 15.1263

Deuteranomaly

18.6804, 19.3177, 15.5761

Tritanomaly

18.2349, 19.3401, 20.5412

Monochromacy



Original Color

17.2031, 19.4781, 15.4233

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5479, 19.0333, 18.3717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2031, 19.4781, 15.4233 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, 125, 102)` looks like.

```
.text, #text, p{  
    color:rgb(118, 125, 102)  
}
```

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, 125, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 125, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.2031, 19.4781, 15.4233 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, 125, 102) }
```


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

```
.border{ border-color:rgb(118, 125, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 125, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 125, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 125, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 125,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2031, 19.4781, 15.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 125, 102) }
```

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

```
.background{ background-color: rgb(118,  
125, 102) }
```

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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