

Converting Colors

XYZ(17.5320, 18.5154, 13.9349)

Have a look what the booklet for
XYZ(17.5320, 18.5154, 13.9349)
contains.

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Color

**XYZ(17.6566, 18.6459,
13.9777)**

Conversions

Conversions Part 1

Format	Color
Hex	807761
RGB	128, 119, 97
RGB Percent	50%, 47%, 38%
CMY	0.4980, 0.5333, 0.6196
CMYK	0.00, 0.07, 0.24, 0.50
HSL	43°, 14%, 44%
HSV	43°, 24%, 50%
XYZ	17.6566, 18.6459, 13.9777
YIQ	119.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

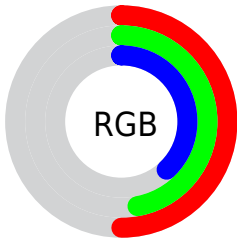
Format	Color
R_{YB}	110, 128, 97
Decimal	8419169
CIE _{Lab}	50.27, -0.35, 13.37
CIE _{LCh}	50, 13.372, 91.516
Yxy	18.6459, 0.3512, 0.3708
Android (android.graphics.Color)	4286609249 (0xFF807761)
YUV	119.1830, -10.9362, 7.7325
Hunter-Lab	43.1809, -2.5782, 11.0344

Details

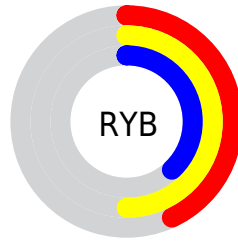
The XYZ color **17.6566, 18.6459, 13.9777** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9801, 14.4077, 22.4664**, and the grayscale version is **17.6237, 18.5416, 20.1918**.

A 20% lighter version of the original color is **38.9643, 41.0877, 33.8941**, and **5.9927, 6.3652, 4.0447** is the 20% darker color. If you saturate the color by 10%, you get **16.6739, 17.5598, 10.9394**, and if you desaturate by 10%, it is **18.7539, 19.8068, 17.5298**.

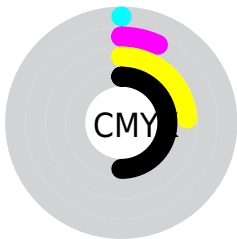
Distribution



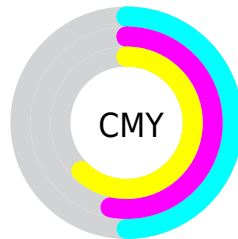
- Red (50%)
- Green (47%)
- Blue (38%)



- Red (43%)
- Yellow (50%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6566, 18.6459, 13.9777 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 17.6566, 18.6459, 13.9777 by changing the saturation by 10% instead.

■ 17.6566, 18.6459,
13.9777

■ 17.6566, 18.6459,
13.9777

232.0115,
244.4869, 228.5157

■ 10.8019, 11.4147,
7.9666

■ 38.9860, 41.1349,
33.7660

■ 6.0001, 6.3465,
3.9861

■ 54.1914, 57.1615,
48.3803

■ 2.8858, 3.0569,
1.6177

■ 72.9111, 76.8886,
66.6994

■ 1.0937, 1.1615,
0.3034

■ 95.5105, 100.7007,
89.1418

■ 0.0198, 0.0299,
0.0000

122.3548,
128.9822, 116.1261

■ 0.0000, 0.0000,
0.0000

153.8096,

162.1175, 148.0708

190.2400,
200.4909, 185.3945

■ 17.6566, 18.6459,
13.9777

■ 17.6566, 18.6459,
13.9777

■ 16.6739, 17.5598,
10.9394

■ 18.7539, 19.8068,
17.5298

■ 15.7996, 16.5437,
8.3895

■ 19.9688, 21.0421,
21.6173

■ 15.0289, 15.5961,
6.3019

■ 21.3060, 22.3546,
26.2620

■ 14.3561, 14.7143,
4.6477

■ 22.7697, 23.7462,
31.4840

■ 13.7750, 13.8957,
3.3950

■ 24.3634, 25.2188,
37.3025

■ 13.2784, 13.1369,
2.5071

■ 26.0910, 26.7740,
43.7357

■ 12.8568, 12.4337,
1.9348

■ 27.9559, 28.4135,
50.8013

■ 12.6304, 12.0457,
1.6594

■ 29.9615, 30.1391,
58.5159

■ 32.1109, 31.9521,
66.8957

Harmonies

Analogous

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



18.9361, 18.6459, 14.6593



17.6566, 18.6459, 13.9777



16.4529, 18.6459, 14.8116

Triad

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



17.6566, 18.6459, 13.9777



15.6841, 18.6459, 24.2610



20.0013, 18.6459, 23.8950

Complementary

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



17.6566, 18.6459, 13.9777



13.9801, 14.4077, 22.4664

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.



19.0555, 18.6459, 27.0054



17.6566, 18.6459, 13.9777



16.5617, 18.6459, 27.2341

Square

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



17.6566, 18.6459, 13.9777



15.3489, 18.6459, 20.4914



17.7883, 18.6459, 28.2940



20.3287, 18.6459, 20.1142

Rectangle

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



17.6566, 18.6459, 13.9777



15.8446, 18.6459, 16.1816



17.7883, 18.6459, 28.2940



19.7429, 18.6459, 25.0689

Sweetspot

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



17.6571, 18.6467, 13.9781



34.5064, 36.3936, 35.8423



15.7942, 14.1857, 15.6235



8.0561, 8.4977, 8.3144



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.



17.6571, 18.6467, 13.9781



30.1203, 31.7717, 21.5858



17.8748, 20.4246, 14.3098



4.5632, 4.8151, 4.6090



12.5251, 11.9465, 1.6458



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9801, 14.4077, 22.4664



22.4898, 22.9767, 39.2059



13.7877, 13.0036, 22.2055



4.2027, 4.3994, 5.4409



4.5252, 2.8689, 20.5652



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6566, 18.6459, 13.9777 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 17.6566, 18.6459, 13.9777 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

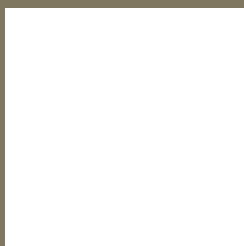
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6566, 18.6459, 13.9777

Background



This preview shows how black text looks on a background with the XYZ color 17.6566, 18.6459, 13.9777.



This preview shows how white text looks on a background with the XYZ color 17.6566, 18.6459,

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

17.6566, 18.6459, 13.9777

Protanopia

17.5069, 18.5687, 13.9707

Deuteranopia

18.9828, 18.6323, 14.1512



Tritanopia

19.1289, 18.5420, 21.6395

Trichromacy



Original Color

17.6566, 18.6459, 13.9777

Protanomaly

17.5069, 18.5687, 13.9707

Deuteranomaly

18.4417, 18.5235, 14.1587

Tritanomaly

18.4886, 18.4515, 18.5066

Monochromacy



Original Color

17.6566, 18.6459, 13.9777

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4921, 18.4789, 17.6838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6566, 18.6459, 13.9777 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, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(128, 119, 97)  
}
```

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, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 119, 97) }
```

Border

The CSS property to change the border of an element to XYZ 17.6566, 18.6459, 13.9777 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, 119, 97) }
```


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

```
.border{ border-color:rgb(128, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(128, 119,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6566, 18.6459, 13.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 119, 97) }
```

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

```
.background{ background-color: rgb(128,  
119, 97) }
```

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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