

Converting Colors

XYZ(17.3400, 18.1889, 19.1317)

Have a look what the booklet for
XYZ(17.3400, 18.1889, 19.1317)
contains.

XYZ(17.3765, 18.2109, 19.1222)	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(17.3765, 18.2109,
19.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	787674
RGB	120, 118, 116
RGB Percent	47%, 46%, 45%
CMY	0.5294, 0.5372, 0.5451
CMYK	0.00, 0.02, 0.03, 0.53
HSL	30°, 2%, 46%
HSV	30°, 3%, 47%
XYZ	17.3765, 18.2109, 19.1222
YIQ	118.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

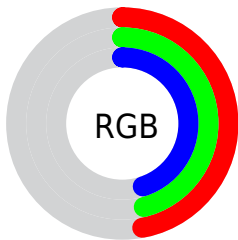
Format	Color
R_{YB}	120, 120, 116
Decimal	7894644
CIE _{Lab}	49.75, 0.37, 1.36
CIE _{LCh}	50, 1.411, 74.870
Yxy	18.2109, 0.3176, 0.3329
Android (android.graphics.Color)	4286084724 (0xFF787674)
YUV	118.3700, -1.1684, 1.4295
Hunter-Lab	42.6742, -1.9966, 3.3043

Details

The XYZ color **17.3765, 18.2109, 19.1222** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0709, 18.0255, 20.3489**, and the grayscale version is **17.3395, 18.2425, 19.8661**.

A 20% lighter version of the original color is **38.4559, 40.3473, 42.8067**, and **5.9060, 6.1754, 6.3495** is the 20% darker color. If you saturate the color by 10%, you get **16.0399, 16.5834, 15.4524**, and if you desaturate by 10%, it is **18.8492, 19.9657, 23.2827**.

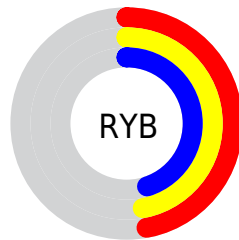
Distribution



Red (47%)

Green (46%)

Blue (45%)



Red (47%)

Yellow (47%)

Blue (45%)

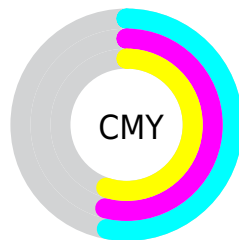


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3765, 18.2109, 19.1222 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 17.3765, 18.2109, 19.1222 by changing the saturation by 10% instead.

■ 17.3765, 18.2109,
19.1222

■ 17.3765, 18.2109,
19.1222

230.4470,
242.0571, 259.5677

■ 10.6003, 11.1015,
11.5809

■ 38.5105, 40.3964,
42.7799

■ 5.8640, 6.1352,
6.3399

■ 53.5989, 56.2412,
59.7334

■ 2.8024, 2.9274,
2.9808

■ 72.1887, 75.7667,
80.6615

■ 1.0502, 1.0940,
1.0848

94.6454, 99.3572,
105.9825

■ 0.0000, 0.0000,
0.0000

121.3342,
127.3971, 136.1151

152.6205,

160.2708, 171.4778

188.8696,
198.3626, 212.4892

■ 17.3765, 18.2109,
19.1222

■ 17.3765, 18.2109,
19.1222

■ 16.0399, 16.5834,
15.4524

■ 18.8492, 19.9657,
23.2827

■ 14.8336, 15.0778,
12.2539

■ 20.4604, 21.8484,
27.9501

■ 13.7535, 13.6919,
9.5075

■ 22.2146, 23.8626,
33.1413

■ 12.7950, 12.4221,
7.1923

■ 24.1154, 26.0109,
38.8720

■ 11.9529, 11.2652,
5.2859

■ 26.1665, 28.2960,
45.1573

■ 11.2216, 10.2173,
3.7636

■ 28.3712, 30.7204,
52.0118

■ 10.5950, 9.2744,
2.5983

■ 30.7328, 33.2865,
59.4494

■ 10.0664, 8.4324,
1.7589

■ 33.2547, 35.9969,
67.4834

■ 9.6272, 7.6859,
1.2059

■ 35.9399, 38.8538,
76.1271

Harmonies

Analogous

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



17.4928, 18.2109, 19.3107



17.3765, 18.2109, 19.1222



17.2426, 18.2109, 19.1213

Triad

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



17.3765, 18.2109, 19.1222



17.0602, 18.2109, 20.0192



17.4920, 18.2109, 20.3581

Complementary

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



17.3765, 18.2109, 19.1222



17.0709, 18.0255, 20.3489

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.



17.3754, 18.2109, 20.5530



17.3765, 18.2109, 19.1222



17.1263, 18.2109, 20.3557

Square

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



17.3765, 18.2109, 19.1222



17.0605, 18.2109, 19.6359



17.2415, 18.2109, 20.5521



17.5597, 18.2109, 20.0225

Rectangle

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



17.3765, 18.2109, 19.1222



17.1615, 18.2109, 19.2271



17.2415, 18.2109, 20.5521



17.4572, 18.2109, 20.4424

Sweetspot

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



17.3770, 18.2117, 19.1226



31.1393, 32.7233, 35.2445



17.2613, 17.7921, 19.6642



7.3843, 7.7606, 8.3653



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.3770, 18.2117, 19.1226



30.3747, 31.8041, 33.1092



17.6147, 18.6871, 19.2018



4.3028, 4.5028, 4.6640



10.2033, 7.8625, 0.9798



47.8194, 35.8022, 4.3902

Inverse Universe

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



17.0709, 18.0255, 20.3489



29.7160, 31.4034, 35.7483



16.8382, 17.5601, 20.2713



4.1993, 4.4399, 5.0788



5.4425, 4.9674, 20.0572



25.1101, 21.9929, 95.3914

Previews

White Background



This preview shows how the XYZ color 17.3765, 18.2109, 19.1222 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 17.3765, 18.2109, 19.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

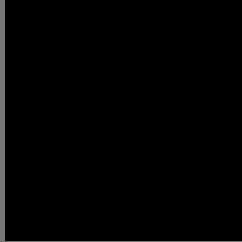
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3765, 18.2109, 19.1222

Background



This preview shows how black text looks on a background with the XYZ color 17.3765, 18.2109, 19.1222.



This preview shows how white text looks on a background with the XYZ color 17.3765, 18.2109,

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

17.3765, 18.2109, 19.1222

Protanopia

17.5160, 18.2828, 19.1287

Deuteranopia

18.4341, 18.0648, 19.3449



Tritanopia

18.0123, 18.2939, 22.3204

Trichromacy

**Original Color**

17.3765, 18.2109, 19.1222

Protanomaly

17.5160, 18.2828, 19.1287

Deuteranomaly

17.9458, 17.9814, 19.3545

Tritanomaly

17.7593, 18.1927, 20.9879

Monochromacy

**Original Color**

17.3765, 18.2109, 19.1222

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2971, 18.1632, 19.4238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3765, 18.2109, 19.1222 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(120, 118, 116)` looks like.

```
.text, #text, p{  
    color:rgb(120, 118, 116)  
}
```

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(120, 118, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 118, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.3765, 18.2109, 19.1222 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(120, 118, 116) }
```


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

```
.border{ border-color:rgb(120, 118, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 118, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 118, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 118, 116);  
box-shadow:4px 4px 4px 4px rgb(120, 118,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3765, 18.2109, 19.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 118, 116) }
```

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

```
.background{ background-color: rgb(120,  
118, 116) }
```

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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