

Converting Colors

XYZ(17.4242, 19.9907, 18.9923)

Have a look what the booklet for
XYZ(17.4242, 19.9907, 18.9923)
contains.

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Color

**XYZ(17.4385, 20.0980,
18.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	708072
RGB	112, 128, 114
RGB Percent	44%, 50%, 45%
CMY	0.5608, 0.4980, 0.5529
CMYK	0.13, 0.00, 0.11, 0.50
HSL	128°, 7%, 47%
HSV	128°, 13%, 50%
XYZ	17.4385, 20.0980, 18.8798
YIQ	121.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

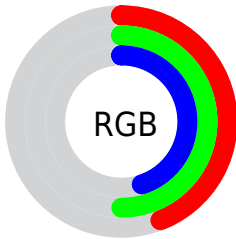
Format	Color
R_{YB}	112, 126, 128
Decimal	7372914
CIE _{Lab}	51.95, -8.76, 5.63
CIE _{LCh}	52, 10.414, 147.304
Yxy	20.0980, 0.3091, 0.3562
Android (android.graphics.Color)	4285562994 (0xFF708072)
YUV	121.6200, -3.7567, -8.4367
Hunter-Lab	44.8308, -9.0201, 6.4125

Details

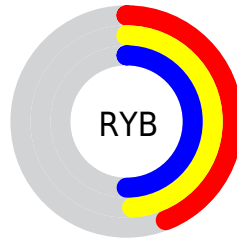
The XYZ color **17.4385, 20.0980, 18.8798** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4628, 17.6843, 22.1798**, and the grayscale version is **18.3883, 19.3460, 21.0677**.

A 20% lighter version of the original color is **38.7166, 43.6934, 42.4695**, and **5.8937, 7.0753, 6.2093** is the 20% darker color. If you saturate the color by 10%, you get **15.3253, 19.0784, 15.6544**, and if you desaturate by 10%, it is **19.8625, 21.2700, 22.5281**.

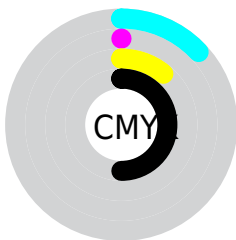
Distribution



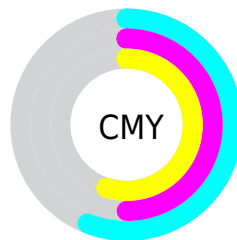
- Red (44%)
- Green (50%)
- Blue (45%)



- Red (44%)
- Yellow (49%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4385, 20.0980, 18.8798 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 17.4385, 20.0980, 18.8798 by changing the saturation by 10% instead.

■ 17.4385, 20.0980,
18.8798

■ 17.4385, 20.0980,
18.8798

230.7941,
252.4452, 258.1850

■ 10.6449, 12.4663,
11.4075

■ 38.6158, 43.5814,
42.3649

■ 5.8941, 7.0621,
6.2240

■ 53.7302, 60.2019,
59.2148

■ 2.8208, 3.5010,
2.9108

■ 72.3489, 80.5875,
80.0276

■ 1.0597, 1.3985,
1.0493

■ 94.8372, 105.1226,
105.2219

■ 0.0000, 0.2156,
0.0000

121.5605,
134.1914, 135.2163

■ 0.0000, 0.0000,
0.0000

152.8842,

168.1786, 170.4292

189.1736,
207.4683, 211.2793

■ 17.4385, 20.0980,
18.8798

■ 17.4385, 20.0980,
18.8798

■ 15.3253, 19.0784,
15.6544

■ 19.8625, 21.2700,
22.5281

■ 13.5086, 18.2024,
12.8354

■ 22.6074, 22.5975,
26.6125

■ 11.9757, 17.4643,
10.4071

■ 25.6850, 24.0868,
31.1473

■ 10.7121, 16.8571,
8.3521

■ 29.1059, 25.7433,
36.1455

■ 9.7022, 16.3730,
6.6520

■ 32.8804, 27.5718,
41.6198

■ 8.9285, 16.0036,
5.2867

■ 37.0180, 29.5772,
47.5824

■ 8.3717, 15.7392,
4.2340

■ 41.5283, 31.7639,
54.0450

■ 8.0088, 15.5687,
3.4691

■ 46.4202, 34.1365,
61.0189

■ 7.8131, 15.4766,
3.0658

■ 51.7025, 36.6992,
68.5150

Harmonies

Analogous

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



18.1830, 20.0980, 17.0964



17.4385, 20.0980, 18.8798



17.1385, 20.0980, 21.6099

Triad

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



17.4385, 20.0980, 18.8798



19.0069, 20.0980, 28.2457



20.9711, 20.0980, 19.3140

Complementary

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



17.4385, 20.0980, 18.8798



18.4628, 17.6843, 22.1798

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.



21.2112, 20.0980, 22.1590



17.4385, 20.0980, 18.8798



20.0526, 20.0980, 27.4894

Square

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



17.4385, 20.0980, 18.8798



18.0228, 20.0980, 27.1711



20.8692, 20.0980, 25.1896



20.2246, 20.0980, 17.3303

Rectangle

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



17.4385, 20.0980, 18.8798



17.2223, 20.0980, 23.6654



20.8692, 20.0980, 25.1896



21.1148, 20.0980, 20.1930

Sweetspot

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



17.4391, 20.0989, 18.8802



34.2534, 37.1011, 38.5901



19.2685, 21.0550, 18.3778



7.9507, 8.6531, 8.9317



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.



17.4391, 20.0989, 18.8802



29.5899, 34.8480, 31.5506



17.9065, 20.2858, 21.3415



4.2962, 4.8268, 4.7312



7.7472, 15.3455, 3.0415



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4628, 17.6843, 22.1798



31.7606, 29.7281, 38.5464



17.9748, 17.4891, 19.6099



4.4758, 4.4035, 5.3098



11.7273, 5.7106, 15.6854



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4385, 20.0980, 18.8798 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 17.4385, 20.0980, 18.8798 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 17.4385, 20.0980, 18.8798

Background



This preview shows how black text looks on a background with the XYZ color 17.4385, 20.0980, 18.8798.



This preview shows how white text looks on a background with the XYZ color 17.4385, 20.0980,

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

17.4385, 20.0980, 18.8798

Protanopia

19.0055, 19.9807, 17.8939

Deuteranopia

20.3967, 19.9436, 19.2975



Tritanopia

18.7770, 20.0613, 25.8042

Trichromacy



Original Color

17.4385, 20.0980, 18.8798

Protanomaly

18.4266, 20.0480, 18.2277

Deuteranomaly

19.1073, 19.8240, 19.0390

Tritanomaly

18.2310, 20.0314, 22.9842

Monochromacy



Original Color

17.4385, 20.0980, 18.8798

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0086, 19.5988, 20.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4385, 20.0980, 18.8798 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(112, 128, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 114)  
}
```

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(112, 128, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.4385, 20.0980, 18.8798 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(112, 128, 114) }
```


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

```
.border{ border-color:rgb(112, 128, 114) }
```

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

Here you see how a box with a 4 pixel rgb(112, 128, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4385, 20.0980, 18.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 114) }
```

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

```
.background{ background-color: rgb(112,  
128, 114) }
```

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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