

Converting Colors

XYZ(17.5788, 20.0772, 18.7121)

Have a look what the booklet for
XYZ(17.5788, 20.0772, 18.7121)
contains.

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Color

**XYZ(17.6392, 20.2080,
18.5936)**

Conversions

Conversions Part 1

Format	Color
Hex	728071
RGB	114, 128, 113
RGB Percent	45%, 50%, 44%
CMY	0.5529, 0.4980, 0.5569
CMYK	0.11, 0.00, 0.12, 0.50
HSL	116°, 6%, 47%
HSV	116°, 12%, 50%
XYZ	17.6392, 20.2080, 18.5936
YIQ	122.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

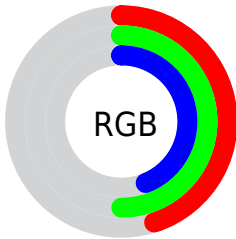
Format	Color
R_{YB}	113, 128, 127
Decimal	7503985
CIE Lab	52.07, -8.21, 6.41
CIE LCh	52, 10.414, 142.044
Yxy	20.2080, 0.3125, 0.3580
Android (android.graphics.Color)	4285694065 (0xFF728071)
YUV	122.1040, -4.4883, -7.1072
Hunter-Lab	44.9533, -8.6268, 6.9438

Details

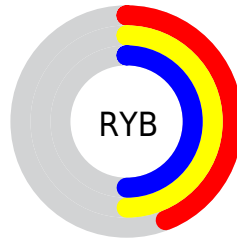
The XYZ color **17.6392, 20.2080, 18.5936** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5546, 17.8814, 22.8967**, and the grayscale version is **18.5481, 19.5140, 21.2508**.

A 20% lighter version of the original color is **39.0413, 43.8714, 42.0076**, and **5.9969, 7.1319, 6.0615** is the 20% darker color. If you saturate the color by 10%, you get **15.5150, 19.1910, 14.9941**, and if you desaturate by 10%, it is **20.0692, 21.3720, 22.7389**.

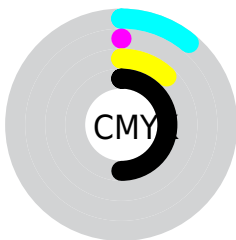
Distribution



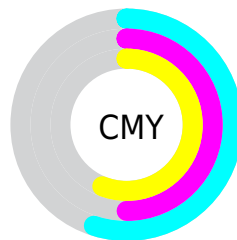
- Red (45%)
- Green (50%)
- Blue (44%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6392, 20.2080, 18.5936 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 17.6392, 20.2080, 18.5936 by changing the saturation by 10% instead.

■ 17.6392, 20.2080,
18.5936

■ 17.6392, 20.2080,
18.5936

231.9146,
253.0389, 256.5434

■ 10.7894, 12.5463,
11.2032

■ 38.9565, 43.7656,
41.8738

■ 5.9916, 7.1169,
6.0878

■ 54.1547, 60.4304,
58.6005

■ 2.8806, 3.5353,
2.8289

■ 72.8663, 80.8650,
79.2765

■ 1.0909, 1.4172,
1.0079

■ 95.4569, 105.4538,
104.3203

■ 0.0175, 0.2293,
0.0000

122.2916,
134.5811, 134.1503

■ 0.0000, 0.0000,
0.0000

153.7359,

168.6315, 169.1851

190.1551,
207.9893, 209.8433

■ 17.6392, 20.2080,
18.5936

■ 17.6392, 20.2080,
18.5936

■ 15.5150, 19.1910,
14.9941

■ 20.0692, 21.3720,
22.7389

■ 13.6830, 18.3128,
11.9164

■ 22.8146, 22.6860,
27.4501

■ 12.1308, 17.5681,
9.3367

■ 25.8870, 24.1557,
32.7477

■ 10.8446, 16.9503,
7.2288

■ 29.2964, 25.7862,
38.6509

■ 9.8094, 16.4525,
5.5643

■ 33.0528, 27.5822,
45.1781

■ 9.0089, 16.0667,
4.3114

■ 37.1656, 29.5480,
52.3467

■ 8.4245, 15.7842,
3.4344

■ 41.6438, 31.6880,
60.1738

■ 8.0351, 15.5951,
2.8912

■ 46.4962, 34.0063,
68.6753

■ 7.8263, 15.4942,
2.5782

■ 51.7312, 36.5070,
77.8672

Harmonies

Analogous

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



18.4497, 20.2080, 17.0083



17.6392, 20.2080, 18.5936



17.2520, 20.2080, 21.2023

Triad

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



17.6392, 20.2080, 18.5936



18.9254, 20.2080, 28.3287



21.1658, 20.2080, 19.8771

Complementary

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



17.6392, 20.2080, 18.5936



18.5546, 17.8814, 22.8967

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.



21.3046, 20.2080, 22.8237



17.6392, 20.2080, 18.5936



19.9850, 20.2080, 27.8909

Square

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



17.6392, 20.2080, 18.5936



17.9765, 20.2080, 26.9521



20.8653, 20.2080, 25.8058



20.4927, 20.2080, 17.7003

Rectangle

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



17.6392, 20.2080, 18.5936



17.2756, 20.2080, 23.2481



20.8653, 20.2080, 25.8058



21.2775, 20.2080, 20.8033

Sweetspot

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



17.6398, 20.2089, 18.5940



34.2690, 37.1175, 38.2137



19.4730, 20.9612, 18.6426



7.9549, 8.6575, 8.8301



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.



17.6398, 20.2089, 18.5940



30.0318, 35.0885, 30.9962



17.8897, 20.2939, 20.5854



4.3005, 4.8314, 4.6260



7.7604, 15.3630, 2.5563



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.5546, 17.8814, 22.8967



31.9663, 30.1668, 40.0942



18.2899, 17.7927, 20.7214



4.4708, 4.3983, 5.4266



11.4719, 5.4677, 20.7007



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6392, 20.2080, 18.5936 looks on a white background.

Color Contrast Check

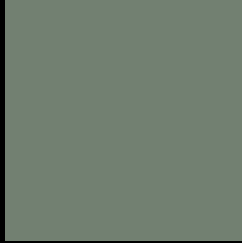
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6392, 20.2080, 18.5936 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 17.6392, 20.2080, 18.5936

Background



This preview shows how black text looks on a background with the XYZ color 17.6392, 20.2080, 18.5936.



This preview shows how white text looks on a background with the XYZ color 17.6392, 20.2080,

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

17.6392, 20.2080, 18.5936

Protanopia

19.1302, 20.2301, 17.9355

Deuteranopia

20.4584, 20.1597, 19.0326



Tritanopia

19.1780, 20.2681, 25.8230

Trichromacy



Original Color

17.6392, 20.2080, 18.5936

Protanomaly

18.5704, 20.1222, 18.2344

Deuteranomaly

19.3261, 20.1266, 18.7858

Tritanomaly

18.6277, 20.2359, 23.0028

Monochromacy



Original Color

17.6392, 20.2080, 18.5936

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1452, 19.6692, 20.2929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6392, 20.2080, 18.5936 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(114, 128, 113) looks like.

```
.text, #text, p{  
    color:rgb(114, 128, 113)  
}
```

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(114, 128, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 128, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.6392, 20.2080, 18.5936 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(114, 128, 113) }
```


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

```
.border{ border-color:rgb(114, 128, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 128, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 128, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 128, 113);  
box-shadow:4px 4px 4px 4px rgb(114, 128,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6392, 20.2080, 18.5936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 128, 113) }
```

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

```
.background{ background-color: rgb(114,  
128, 113) }
```

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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