

Converting Colors

XYZ(17.5939, 20.1678, 21.8246)

Have a look what the booklet for
XYZ(17.5939, 20.1678, 21.8246)
contains.

XYZ(17.4787, 20.0565, 21.6890)	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(17.4787, 20.0565,
21.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	6C807B
RGB	108, 128, 123
RGB Percent	42%, 50%, 48%
CMY	0.5765, 0.4980, 0.5176
CMYK	0.16, 0.00, 0.04, 0.50
HSL	165°, 8%, 46%
HSV	165°, 16%, 50%
XYZ	17.4787, 20.0565, 21.6890
YIQ	121.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

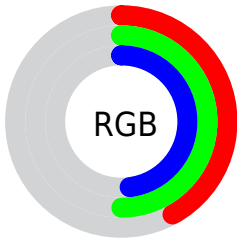
Format	Color
RYB	108, 119, 128
Decimal	7110779
CIELab	51.90, -8.34, 0.27
CIELCh	52, 8.348, 178.167
Yxy	20.0565, 0.2951, 0.3387
Android (android.graphics.Color)	4285300859 (0xFF6C807B)
YUV	121.4500, 0.7641, -11.7957
Hunter-Lab	44.7845, -8.7070, 2.6352

Details

The XYZ color **17.4787, 20.0565, 21.6890** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2460, 16.5072, 17.9010**, and the grayscale version is **18.3201, 19.2742, 20.9896**.

A 20% lighter version of the original color is **38.7589, 43.6165, 46.9334**, and **5.8955, 7.0470, 7.5281** is the 20% darker color. If you saturate the color by 10%, you get **15.8378, 19.2339, 20.5836**, and if you desaturate by 10%, it is **19.3559, 21.0012, 22.8405**.

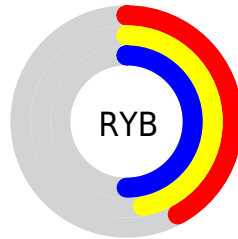
Distribution



Red (42%)

Green (50%)

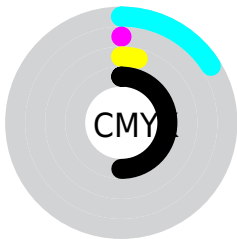
Blue (48%)



Red (42%)

Yellow (47%)

Blue (50%)

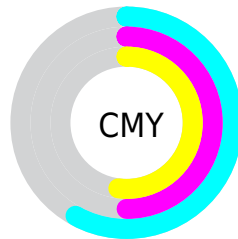


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4787, 20.0565, 21.6890 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 17.4787, 20.0565, 21.6890 by changing the saturation by 10% instead.

■ 17.4787, 20.0565,
21.6890

■ 17.4787, 20.0565,
21.6890

231.0189,
252.2208, 273.8181

■ 10.6738, 12.4361,
13.4324

■ 38.6841, 43.5119,
47.1270

■ 5.9136, 7.0414,
7.5928

■ 53.8153, 60.1157,
65.1456

■ 2.8328, 3.4880,
3.7515

■ 72.4526, 80.4828,
87.2552

■ 1.0660, 1.3915,
1.4900

■ 94.9615, 104.9975,
113.8744

■ 0.0000, 0.2105,
0.2105

121.7072,
134.0442, 145.4217

■ 0.0000, 0.0000,
0.0000

153.0551,

168.0075, 182.3158

189.3705,
207.2715, 224.9751

■ 17.4787, 20.0565,
21.6890

■ 17.4787, 20.0565,
21.6890

■ 15.8378, 19.2339,
20.5836

■ 19.3559, 21.0012,
22.8405

■ 14.4215, 18.5258,
19.5221

■ 21.4770, 22.0704,
24.0376

■ 13.2197, 17.9275,
18.5043

■ 23.8515, 23.2695,
25.2813

■ 12.2208, 17.4331,
17.5292

■ 26.4879, 24.6027,
26.5725

■ 11.4119, 17.0360,
16.5959

■ 29.3940, 26.0742,
27.9117

■ 10.7790, 16.7288,
15.7033

■ 32.5776, 27.6880,
29.2997

■ 10.3057, 16.5032,
14.8504

■ 36.0461, 29.4479,
30.7371

■ 9.9657, 16.3456,
14.0357

■ 39.8065, 31.3574,
32.2244

■ 9.8305, 16.2834,
13.6898

■ 43.8656, 33.4201,
33.7624

Harmonies

Analogous

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



17.7105, 20.0565, 19.4655



17.4787, 20.0565, 21.6890



17.6609, 20.0565, 24.1185

Triad

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



17.4787, 20.0565, 21.6890



19.8435, 20.0565, 26.2211



19.9365, 20.0565, 18.1046

Complementary

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



17.4787, 20.0565, 21.6890



17.2460, 16.5072, 17.9010

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.



20.5377, 20.0565, 19.7062



17.4787, 20.0565, 21.6890



20.4829, 20.0565, 24.3961

Square

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



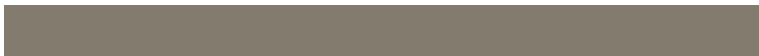
17.4787, 20.0565, 21.6890



19.0110, 20.0565, 26.8483



20.7405, 20.0565, 21.9879



19.1153, 20.0565, 17.4936

Rectangle

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



17.4787, 20.0565, 21.6890



17.9957, 20.0565, 25.5073



20.7405, 20.0565, 21.9879



20.1719, 20.0565, 18.5388

Sweetspot

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



17.4793, 20.0573, 21.6894



34.2576, 37.0650, 40.3182



17.2796, 20.0547, 17.1481



7.9718, 8.6534, 9.4110



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.



17.4793, 20.0573, 21.6894



29.6242, 34.7355, 37.4346



17.2057, 18.9962, 23.1827



4.4019, 4.8691, 5.2877



9.7478, 16.1457, 13.5768



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2460, 16.5072, 17.9010



29.1267, 27.1584, 29.3504



17.4775, 17.4086, 16.6269



4.3685, 4.3605, 4.7449



9.0862, 4.6542, 1.7776



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4787, 20.0565, 21.6890 looks on a white background.

Color Contrast Check

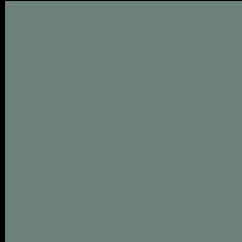
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4787, 20.0565, 21.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

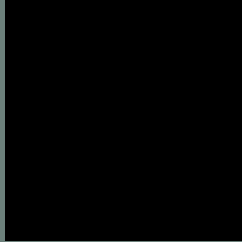
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4787, 20.0565, 21.6890

Background



This preview shows how black text looks on a background with the XYZ color 17.4787, 20.0565, 21.6890.



This preview shows how white text looks on a background with the XYZ color 17.4787, 20.0565,

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

17.4787, 20.0565, 21.6890

Protanopia

19.0773, 19.9576, 20.6160

Deuteranopia

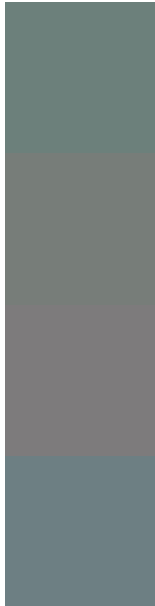
20.4098, 20.0645, 22.1992



Tritanopia

18.3352, 20.0143, 26.1893

Trichromacy



Original Color

17.4787, 20.0565, 21.6890

Protanomaly

18.3926, 19.9696, 20.9743

Deuteranomaly

19.1785, 19.9811, 21.9147

Tritanomaly

17.9928, 20.0686, 24.3980

Monochromacy



Original Color

17.4787, 20.0565, 21.6890

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9230, 19.5334, 21.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4787, 20.0565, 21.6890 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(108, 128, 123)` looks like.

```
.text, #text, p{  
    color:rgb(108, 128, 123)  
}
```

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(108, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 128, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.4787, 20.0565, 21.6890 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(108, 128, 123) }
```


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

```
.border{ border-color:rgb(108, 128, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 128, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 128, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 128, 123);  
box-shadow:4px 4px 4px 4px rgb(108, 128,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4787, 20.0565, 21.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 128, 123) }
```

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

```
.background{ background-color: rgb(108,  
128, 123) }
```

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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