

Converting Colors

XYZ(17.0624, 19.7213, 22.7364)

Have a look what the booklet for
XYZ(17.0624, 19.7213, 22.7364)
contains.

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Color

**XYZ(17.0786, 19.8283,
22.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	67807E
RGB	103, 128, 126
RGB Percent	40%, 50%, 49%
CMY	0.5961, 0.4980, 0.5059
CMYK	0.20, 0.00, 0.02, 0.50
HSL	175°, 11%, 45%
HSV	175°, 20%, 50%
XYZ	17.0786, 19.8283, 22.6658
YIQ	120.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

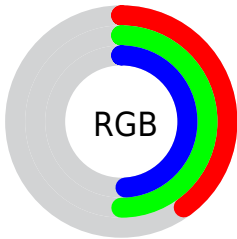
Format	Color
R_{YB}	103, 116, 128
Decimal	6783102
CIE _{Lab}	51.64, -9.42, -1.91
CIE _{LCh}	52, 9.607, 191.446
Yxy	19.8283, 0.2867, 0.3328
Android (android.graphics.Color)	4284973182 (0xFF67807E)
YUV	120.2970, 2.8116, -15.1695
Hunter-Lab	44.5290, -9.4640, 0.9909

Details

The XYZ color **17.0786, 19.8283, 22.6658** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3029, 15.3101, 15.4613**, and the grayscale version is **17.9427, 18.8771, 20.5572**.

A 20% lighter version of the original color is **37.9870, 43.1724, 48.9788**, and **5.7111, 6.9400, 8.0597** is the 20% darker color. If you saturate the color by 10%, you get **15.6557, 19.1029, 22.2561**, and if you desaturate by 10%, it is **18.7281, 20.6715, 23.0905**.

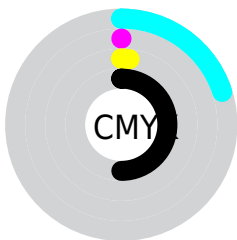
Distribution



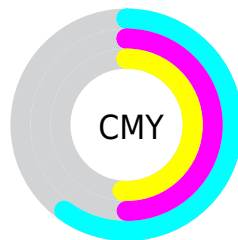
- Red (40%)
- Green (50%)
- Blue (49%)



- Red (40%)
- Yellow (45%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0786, 19.8283, 22.6658 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 17.0786, 19.8283, 22.6658 by changing the saturation by 10% instead.

■ 17.0786, 19.8283,
22.6658

■ 17.0786, 19.8283,
22.6658

228.7723,
250.9841, 279.0699

■ 10.3862, 12.2703,
14.1440

■ 38.0034, 43.1291,
48.7602

■ 5.7200, 6.9280,
8.0810

■ 52.9665, 59.6407,
67.1698

■ 2.7146, 3.4171,
4.0583

■ 71.4172, 79.9057,
89.7125

■ 1.0047, 1.3532,
1.6574

■ 93.7209, 104.3083,
116.8067

■ 0.0000, 0.1818,
0.3313

120.2429,
133.2331, 148.8710

■ 0.0000, 0.0000,
0.0000

151.3485,

167.0644, 186.3239

187.4032,
206.1866, 229.5840

■ 17.0786, 19.8283,
22.6658

■ 17.0786, 19.8283,
22.6658

■ 15.6557, 19.1029,
22.2561

■ 18.7281, 20.6715,
23.0905

■ 14.4476, 18.4876,
21.8596

■ 20.6121, 21.6350,
23.5292

■ 13.4437, 17.9775,
21.4762

■ 22.7400, 22.7241,
23.9829

■ 12.6322, 17.5666,
21.1052

■ 25.1206, 23.9434,
24.4521

■ 11.9999, 17.2479,
20.7462

■ 27.7617, 25.2970,
24.9370

■ 11.5318, 17.0138,
20.3983

■ 30.6713, 26.7888,
25.4380

■ 11.2108, 16.8555,
20.0608

■ 33.8566, 28.4228,
25.9556

■ 10.9853, 16.7463,
19.7312

■ 37.3249, 30.2025,
26.4900

■ 10.9749, 16.7413,
19.7159

■ 41.0830, 32.1316,
27.0416

Harmonies

Analogous

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



17.1346, 19.8283, 19.9360



17.0786, 19.8283, 22.6658



17.4839, 19.8283, 25.3173

Triad

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



17.0786, 19.8283, 22.6658



20.1064, 19.8283, 25.8411



19.4453, 19.8283, 16.9163

Complementary

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



17.0786, 19.8283, 22.6658



16.3029, 15.3101, 15.4613

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.



20.2774, 19.8283, 18.2471



17.0786, 19.8283, 22.6658



20.6681, 19.8283, 23.3323

Square

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



17.0786, 19.8283, 22.6658



19.2183, 19.8283, 27.2526



20.7317, 19.8283, 20.5481



18.4789, 19.8283, 16.7711

Rectangle

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



17.0786, 19.8283, 22.6658



17.9697, 19.8283, 26.6234



20.7317, 19.8283, 20.5481



19.7508, 19.8283, 17.2341

Sweetspot

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



17.0792, 19.8291, 22.6662



34.0507, 36.9450, 40.9117



16.0034, 19.4268, 15.7386



7.9328, 8.6297, 9.5692



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.



17.0792, 19.8291, 22.6662



29.0208, 34.3755, 39.6140



15.9199, 17.3017, 22.9236



4.4320, 4.8811, 5.4464



10.8822, 16.5994, 19.5500



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3029, 15.3101, 15.4613



27.4193, 25.0514, 24.7494



17.3027, 17.4726, 15.2929



4.3407, 4.3494, 4.5985



8.8830, 4.5729, 0.7076



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0786, 19.8283, 22.6658 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 17.0786, 19.8283, 22.6658 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

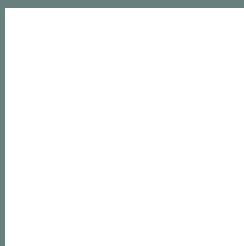
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0786, 19.8283, 22.6658

Background



This preview shows how black text looks on a background with the XYZ color 17.0786, 19.8283, 22.6658.



This preview shows how white text looks on a background with the XYZ color 17.0786, 19.8283,

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

17.0786, 19.8283, 22.6658

Protanopia

18.9921, 19.7091, 21.5421

Deuteranopia

20.0088, 19.6577, 23.1618



Tritanopia

17.7305, 19.7025, 26.1610

Trichromacy



Original Color

17.0786, 19.8283, 22.6658

Protanomaly

18.1819, 19.6524, 21.9038

Deuteranomaly

18.6755, 19.5163, 22.8614

Tritanomaly

17.4631, 19.7877, 24.7288

Monochromacy



Original Color

17.0786, 19.8283, 22.6658

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5352, 19.1485, 21.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0786, 19.8283, 22.6658 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(103, 128, 126)` looks like.

```
.text, #text, p{  
    color:rgb(103, 128, 126)  
}
```

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(103, 128, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 128, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.0786, 19.8283, 22.6658 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(103, 128, 126) }
```


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

```
.border{ border-color:rgb(103, 128, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 128, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 128, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 128, 126);  
box-shadow:4px 4px 4px 4px rgb(103, 128,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0786, 19.8283, 22.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 128, 126) }
```

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

```
.background{ background-color: rgb(103,  
128, 126) }
```

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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