

Converting Colors

XYZ(17.2281, 19.8047, 22.8377)

Have a look what the booklet for
XYZ(17.2281, 19.8047, 22.8377)
contains.

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Color

**XYZ(17.3756, 19.9739,
23.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	69807F
RGB	105, 128, 127
RGB Percent	41%, 50%, 50%
CMY	0.5882, 0.4980, 0.5020
CMYK	0.18, 0.00, 0.01, 0.50
HSL	177°, 10%, 46%
HSV	177°, 18%, 50%
XYZ	17.3756, 19.9739, 23.0182
YIQ	121.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

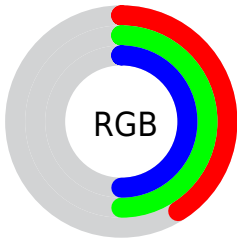
Format	Color
RYB	105, 117, 128
Decimal	6914175
CIELab	51.81, -8.50, -2.23
CIELCh	52, 8.790, 194.715
Yxy	19.9739, 0.2878, 0.3309
Android (android.graphics.Color)	4285104255 (0xFF69807F)
YUV	121.0090, 2.9536, -14.0399
Hunter-Lab	44.6922, -8.8134, 0.7479

Details

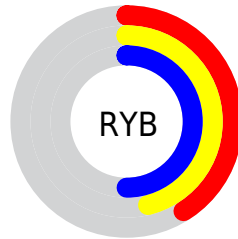
The XYZ color **17.3756, 19.9739, 23.0182** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5559, 15.7334, 15.8007**, and the grayscale version is **18.1712, 19.1175, 20.8189**.

A 20% lighter version of the original color is **38.6667, 43.5111, 49.5406**, and **5.8585, 7.0119, 8.2524** is the 20% darker color. If you saturate the color by 10%, you get **15.9478, 19.2426, 22.7626**, and if you desaturate by 10%, it is **19.0311, 20.8236, 23.2863**.

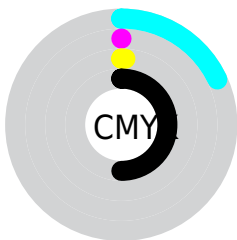
Distribution



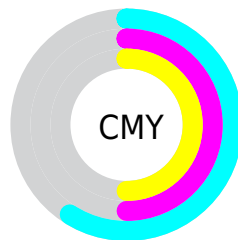
- Red (41%)
- Green (50%)
- Blue (50%)



- Red (41%)
- Yellow (46%)
- Blue (50%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3756, 19.9739, 23.0182 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 17.3756, 19.9739, 23.0182 by changing the saturation by 10% instead.

■ 17.3756, 19.9739,
23.0182

■ 17.3756, 19.9739,
23.0182

230.4419,
251.7738, 280.9434

■ 10.5996, 12.3761,
14.4015

■ 38.5089, 43.3734,
49.3468

■ 5.8636, 7.0003,
8.2585

■ 53.5970, 59.9439,
67.8958

■ 2.8022, 3.4623,
4.1707

■ 72.1864, 80.2741,
90.5926

■ 1.0500, 1.3776,
1.7194

■ 94.6426, 104.7483,
117.8558

■ 0.0000, 0.2001,
0.3740

121.3309,
133.7510, 150.1040

■ 0.0000, 0.0000,
0.0000

152.6166,

167.6665, 187.7556

188.8652,
206.8793, 231.2292

■ 17.3756, 19.9739,
23.0182

■ 17.3756, 19.9739,
23.0182

■ 15.9478, 19.2426,
22.7626

■ 19.0311, 20.8236,
23.2863

■ 14.7359, 18.6220,
22.5177

■ 20.9219, 21.7942,
23.5661

■ 13.7296, 18.1074,
22.2836

■ 23.0577, 22.8910,
23.8584

■ 12.9172, 17.6926,
22.0595

■ 25.4468, 24.1183,
24.1636

■ 12.2855, 17.3711,
21.8449

■ 28.0973, 25.4804,
24.4822

■ 11.8202, 17.1353,
21.6392

■ 31.0169, 26.9812,
24.8143

■ 11.5044, 16.9765,
21.4414

■ 34.2130, 28.6245,
25.1605

■ 11.2985, 16.8744,
21.2499

■ 37.6926, 30.4139,
25.5209

■ 11.2589, 16.8548,
21.2113

■ 41.4626, 32.3530,
25.8961

Harmonies

Analogous

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



17.3798, 19.9739, 20.4804



17.3756, 19.9739, 23.0182



17.7932, 19.9739, 25.3855

Triad

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



17.3756, 19.9739, 23.0182



20.2154, 19.9739, 25.4238



19.4397, 19.9739, 17.3510

Complementary

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



17.3756, 19.9739, 23.0182



16.5559, 15.7334, 15.8007

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.



20.2280, 19.9739, 18.4761



17.3756, 19.9739, 23.0182



20.6853, 19.9739, 23.0672

Square

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



17.3756, 19.9739, 23.0182



19.4230, 19.9739, 26.8463



20.6900, 19.9739, 20.5258



18.5528, 19.9739, 17.3401

Rectangle

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



17.3756, 19.9739, 23.0182



18.2623, 19.9739, 26.4922



20.6900, 19.9739, 20.5258



19.7256, 19.9739, 17.6073

Sweetspot

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



17.3762, 19.9747, 23.0186



34.4129, 37.1271, 41.1357



16.2312, 19.5325, 16.2795



8.0123, 8.6696, 9.6242



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.



17.3762, 19.9747, 23.0186



29.4029, 34.5573, 40.3190



16.1598, 17.4370, 22.9370



4.4386, 4.8838, 5.4809



11.1636, 16.7120, 21.0322



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5559, 15.7334, 15.8007



27.6495, 25.4910, 24.8907



17.6233, 17.9512, 15.9010



4.3348, 4.3471, 4.5674



8.8575, 4.5627, 0.5733



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3756, 19.9739, 23.0182 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 17.3756, 19.9739, 23.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

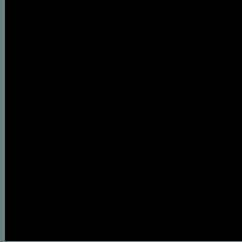
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

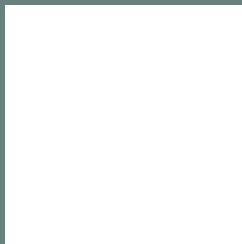
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3756, 19.9739, 23.0182

Background



This preview shows how black text looks on a background with the XYZ color 17.3756, 19.9739, 23.0182.



This preview shows how white text looks on a background with the XYZ color 17.3756, 19.9739,

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

17.3756, 19.9739, 23.0182

Protanopia

19.1785, 19.9811, 21.9147

Deuteranopia

20.3518, 20.0045, 23.5575



Tritanopia

18.1681, 20.1107, 26.5911

Trichromacy



Original Color

17.3756, 19.9739, 23.0182

Protanomaly

18.5065, 19.9995, 22.2869

Deuteranomaly

19.1476, 19.9354, 23.2608

Tritanomaly

17.7669, 19.9364, 25.1020

Monochromacy



Original Color

17.3756, 19.9739, 23.0182

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8530, 19.4902, 21.5599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3756, 19.9739, 23.0182 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(105, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(105, 128, 127)  
}
```

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(105, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.3756, 19.9739, 23.0182 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(105, 128, 127) }
```


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

```
.border{ border-color:rgb(105, 128, 127) }
```

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

Here you see how a box with a 4 pixel rgb(105, 128, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(105, 128,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3756, 19.9739, 23.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 128, 127) }
```

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

```
.background{ background-color: rgb(105,  
128, 127) }
```

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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