

Converting Colors

XYZ(15.6984, 18.1052, 20.4533)

Have a look what the booklet for
XYZ(15.6984, 18.1052, 20.4533)
contains.

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Color

**XYZ(15.6052, 17.9845,
20.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	647A78
RGB	100, 122, 120
RGB Percent	39%, 48%, 47%
CMY	0.6078, 0.5216, 0.5294
CMYK	0.18, 0.00, 0.02, 0.52
HSL	175°, 10%, 44%
HSV	175°, 18%, 48%
XYZ	15.6052, 17.9845, 20.4182
YIQ	115.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

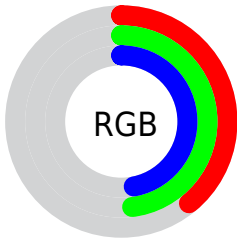
Format	Color
R_{YB}	100, 112, 122
Decimal	6584952
CIE _{Lab}	49.48, -8.44, -1.58
CIE _{LCh}	49, 8.590, 190.630
Yxy	17.9845, 0.2889, 0.3330
Android (android.graphics.Color)	4284775032 (0xFF647A78)
YUV	115.1940, 2.3694, -13.3251
Hunter-Lab	42.4081, -8.5304, 1.1394

Details

The XYZ color **15.6052, 17.9845, 20.4182** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9821, 14.2116, 14.5245**, and the grayscale version is **16.3507, 17.2022, 18.7332**.

A 20% lighter version of the original color is **35.3449, 39.8300, 44.8548**, and **5.0204, 5.9899, 7.0224** is the 20% darker color. If you saturate the color by 10%, you get **14.2887, 17.3141, 20.0073**, and if you desaturate by 10%, it is **17.1256, 18.7609, 20.8435**.

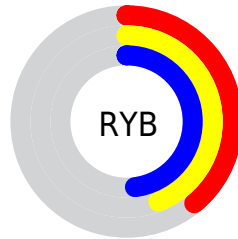
Distribution



Red (39%)

Green (48%)

Blue (47%)



Red (39%)

Yellow (44%)

Blue (48%)

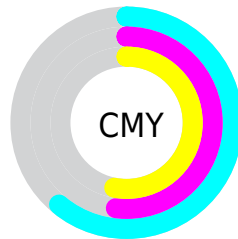


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6052, 17.9845, 20.4182 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 15.6052, 17.9845, 20.4182 by changing the saturation by 10% instead.

■ 15.6052, 17.9845,
20.4182

■ 15.6052, 17.9845,
20.4182

220.3172,
240.7837, 266.8489

■ 9.3343, 10.9389,
12.5123

■ 35.4745, 40.0109,
44.9854

■ 5.0187, 6.0257,
6.9668

■ 49.8035, 55.7605,
62.4837

■ 2.2931, 2.8607,
3.3632

■ 67.5493, 75.1801,
84.0167

■ 0.7911, 1.0595,
1.2830

■ 89.0772, 98.6543,
110.0027

■ 0.0000, 0.0000,
0.0478

114.7526,
126.5673, 140.8604

■ 0.0000, 0.0000,
0.0000

144.9408,

159.3036, 177.0083

180.0072,
197.2476, 218.8650

■ 15.6052, 17.9845,
20.4182

■ 15.6052, 17.9845,
20.4182

■ 14.2887, 17.3141,
20.0073

■ 17.1256, 18.7609,
20.8435

■ 13.1657, 16.7428,
19.6091

■ 18.8568, 19.6455,
21.2824

■ 12.2270, 16.2664,
19.2236

■ 20.8071, 20.6429,
21.7356

■ 11.4621, 15.8795,
18.8502

■ 22.9843, 21.7572,
22.2036

■ 10.8595, 15.5763,
18.4885

■ 25.3953, 22.9919,
22.6867

■ 10.4064, 15.3500,
18.1378

■ 28.0470, 24.3506,
23.1851

■ 10.0879, 15.1930,
17.7974

■ 30.9460, 25.8367,
23.6993

■ 9.8658, 15.0856,
17.4655

■ 34.0987, 27.4535,
24.2296

■ 9.8237, 15.0653,
17.4008

■ 37.5110, 29.2041,
24.7761

Harmonies

Analogous

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



15.6632, 17.9845, 18.1366



15.6052, 17.9845, 20.4182



15.9364, 17.9845, 22.6393

Triad

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



15.6052, 17.9845, 20.4182



18.1303, 17.9845, 23.1740



17.6166, 17.9845, 15.6607

Complementary

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



15.6052, 17.9845, 20.4182



14.9821, 14.2116, 14.5245

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.



18.3058, 17.9845, 16.8133



15.6052, 17.9845, 20.4182



18.6088, 17.9845, 21.1023

Square

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



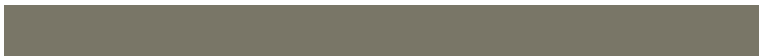
15.6052, 17.9845, 20.4182



17.3832, 17.9845, 24.3119



18.6740, 17.9845, 18.7691



16.8074, 17.9845, 15.5093

Rectangle

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



15.6052, 17.9845, 20.4182



16.3396, 17.9845, 23.7414



18.6740, 17.9845, 18.7691



17.8707, 17.9845, 15.9393

Sweetspot

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



15.6057, 17.9852, 20.4186



30.9759, 33.4377, 36.8905



14.7625, 17.6764, 14.6906



7.0448, 7.6262, 8.4252



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.6057, 17.9852, 20.4186



26.3688, 31.0867, 35.5924



14.6963, 15.9700, 20.7212



4.0921, 4.5065, 5.0188



10.3407, 15.8600, 18.3111



49.1619, 75.5878, 86.4792

Inverse Universe

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



14.9821, 14.2116, 14.5245



25.0398, 23.0430, 23.0304



15.7742, 15.9529, 14.3046



4.0118, 4.0204, 4.2596



8.5127, 4.3812, 0.7249



40.4624, 20.8413, 2.6992

Previews

White Background



This preview shows how the XYZ color 15.6052, 17.9845, 20.4182 looks on a white 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

Black Background



This preview shows how the XYZ color 15.6052, 17.9845, 20.4182 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

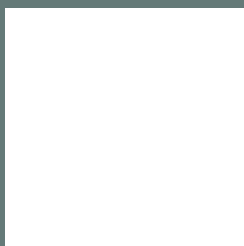
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6052, 17.9845, 20.4182

Background



This preview shows how black text looks on a background with the XYZ color 15.6052, 17.9845, 20.4182.



This preview shows how white text looks on a background with the XYZ color 15.6052, 17.9845,

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

15.6052, 17.9845, 20.4182

Protanopia

17.1799, 17.9289, 19.3848

Deuteranopia

18.2826, 17.9518, 20.9138



Tritanopia

16.2252, 17.8694, 23.7131

Trichromacy



Original Color

15.6052, 17.9845, 20.4182

Protanomaly

16.5489, 17.9464, 19.7313

Deuteranomaly

17.1486, 17.8850, 20.6375

Tritanomaly

15.9701, 17.9478, 22.3612

Monochromacy



Original Color

15.6052, 17.9845, 20.4182

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1197, 17.5562, 19.3687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6052, 17.9845, 20.4182 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(100, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(100, 122, 120)  
}
```

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(100, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 122, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.6052, 17.9845, 20.4182 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(100, 122, 120) }
```


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

```
.border{ border-color:rgb(100, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(100, 122,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6052, 17.9845, 20.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 122, 120) }
```

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

```
.background{ background-color: rgb(100,  
122, 120) }
```

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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