

Converting Colors

XYZ(15.6338, 17.1279, 20.2036)

Have a look what the booklet for
XYZ(15.6338, 17.1279, 20.2036)
contains.

XYZ(15.5772, 17.0819, 20.2454)	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(15.5772, 17.0819,
20.2454)**

Conversions

Conversions Part 1

Format	Color
Hex	697578
RGB	105, 117, 120
RGB Percent	41%, 46%, 47%
CMY	0.5882, 0.5412, 0.5294
CMYK	0.12, 0.02, 0.00, 0.53
HSL	192°, 7%, 44%
HSV	192°, 12%, 47%
XYZ	15.5772, 17.0819, 20.2454
YIQ	113.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

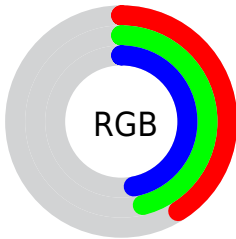
Format	Color
R_{YB}	105, 112, 120
Decimal	6911352
CIE Lab	48.36, -3.80, -3.18
CIE LCh	48, 4.959, 219.914
Yxy	17.0819, 0.2944, 0.3229
Android (android.graphics.Color)	4285101432 (0xFF697578)
YUV	113.7540, 3.0793, -7.6773
Hunter-Lab	41.3303, -5.0520, -0.1117

Details

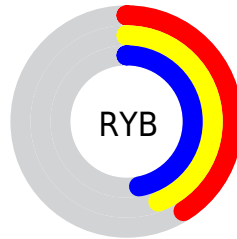
The XYZ color **15.5772, 17.0819, 20.2454** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6583, 15.7382, 15.5776**, and the grayscale version is **15.9138, 16.7426, 18.2326**.

A 20% lighter version of the original color is **35.3447, 38.4224, 44.5831**, and **5.0427, 5.6237, 6.9506** is the 20% darker color. If you saturate the color by 10%, you get **13.9902, 15.8546, 20.0924**, and if you desaturate by 10%, it is **17.3713, 18.4275, 20.4108**.

Distribution



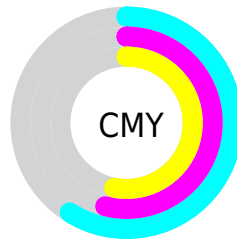
- Red (41%)
- Green (46%)
- Blue (47%)



- Red (41%)
- Yellow (44%)
- Blue (47%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5772, 17.0819, 20.2454 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 15.5772, 17.0819, 20.2454 by changing the saturation by 10% instead.

■ 15.5772, 17.0819,
20.2454

■ 15.5772, 17.0819,
20.2454

220.1535,
235.6439, 265.8886

■ 9.3144, 10.2929,
12.3877

■ 35.4260, 38.4665,
44.6926

■ 5.0056, 5.5936,
6.8826

■ 49.7428, 53.8310,
62.1192

■ 2.2853, 2.5996,
3.3114

■ 67.4749, 72.8227,
83.5725

■ 0.7871, 0.9264,
1.2558

■ 88.9878, 95.8260,
109.4710

■ 0.0000, 0.0000,
0.0251

114.6467,
123.2254, 140.2334

■ 0.0000, 0.0000,
0.0000

144.8171,

155.4053, 176.2781

179.8642,
192.7500, 218.0236

■ 15.5772, 17.0819,
20.2454

■ 15.5772, 17.0819,
20.2454

■ 13.9902, 15.8546,
20.0924

■ 17.3713, 18.4275,
20.4108

■ 12.6005, 14.7391,
19.9504

■ 19.3788, 19.8934,
20.5880

■ 11.3996, 13.7314,
19.8191

■ 21.6076, 21.4842,
20.7776

■ 10.3779, 12.8265,
19.6983

■ 24.0650, 23.2036,
20.9799

■ 9.5249, 12.0189,
19.5874

■ 26.7575, 25.0552,
21.1954

■ 8.8290, 11.3025,
19.4858

■ 29.6916, 27.0424,
21.4243

■ 8.2770, 10.6704,
19.3929

■ 32.8737, 29.1684,
21.6670

■ 7.8530, 10.1145,
19.3079

■ 36.3095, 31.4365,
21.9237

■ 7.5743, 9.7242,
19.2473

■ 40.0050, 33.8497,
22.1947

Harmonies

Analogous

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



15.3933, 17.0819, 19.0319



15.5772, 17.0819, 20.2454



15.9387, 17.0819, 21.0406

Triad

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



15.5772, 17.0819, 20.2454



17.0673, 17.0819, 19.4688



16.0864, 17.0819, 16.2497

Complementary

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



15.5772, 17.0819, 20.2454



15.6583, 15.7382, 15.5776

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.



16.5367, 17.0819, 16.3545



15.5772, 17.0819, 20.2454



17.1086, 17.0819, 18.1733

Square

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



15.5772, 17.0819, 20.2454



16.8009, 17.0819, 20.5780



16.9128, 17.0819, 17.0449



15.6836, 17.0819, 16.7517

Rectangle

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



15.5772, 17.0819, 20.2454



16.2345, 17.0819, 21.2057



16.9128, 17.0819, 17.0449



16.2371, 17.0819, 16.2157

Sweetspot

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



15.5777, 17.0826, 20.2458



30.0233, 32.0180, 35.8508



15.2360, 17.5139, 16.6956



7.0653, 7.5508, 8.4918



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.



15.5777, 17.0826, 20.2458



26.5607, 29.4047, 35.5288



14.7653, 15.4577, 19.9750



4.0423, 4.3828, 5.0761



8.2531, 10.5886, 20.9941



38.7595, 49.2916, 99.9412

Inverse Universe

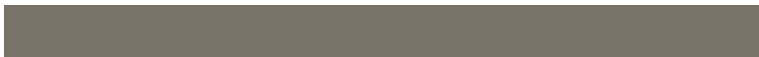
The Inverse Universe completely reimagines the original color for something new.



16.0086, 15.3810, 18.9555



27.4808, 25.8154, 32.7641



16.4551, 17.3319, 15.8432



4.1218, 4.0644, 4.8390



10.7491, 5.2758, 12.5016



50.9671, 25.0432, 58.0163

Previews

White Background



This preview shows how the XYZ color 15.5772, 17.0819, 20.2454 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 15.5772, 17.0819, 20.2454 looks on a black 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

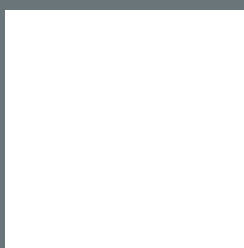
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5772, 17.0819, 20.2454

Background



This preview shows how black text looks on a background with the XYZ color 15.5772, 17.0819, 20.2454.



This preview shows how white text looks on a background with the XYZ color 15.5772, 17.0819,

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

15.5772, 17.0819, 20.2454

Protanopia

16.4898, 17.0556, 19.5625

Deuteranopia

17.3040, 16.9603, 20.4508



Tritanopia

15.8909, 17.0356, 21.8527

Trichromacy



Original Color

15.5772, 17.0819, 20.2454

Protanomaly

16.1426, 17.0381, 19.8906

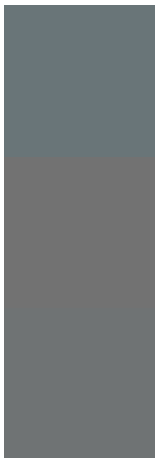
Deuteranomaly

16.5588, 16.9037, 20.4792

Tritanomaly

15.7644, 16.9850, 21.1865

Monochromacy



Original Color

15.5772, 17.0819, 20.2454

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8387, 16.9019, 18.9506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5772, 17.0819, 20.2454 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, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(105, 117, 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(105, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 117, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.5772, 17.0819, 20.2454 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, 117, 120) }
```


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

```
.border{ border-color:rgb(105, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(105, 117,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5772, 17.0819, 20.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 117, 120) }
```

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

```
.background{ background-color: rgb(105,  
117, 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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