

Converting Colors

XYZ(15.7743, 17.5056, 19.9755)

Have a look what the booklet for
XYZ(15.7743, 17.5056, 19.9755)
contains.

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Color

**XYZ(15.7523, 17.5288,
20.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	697777
RGB	105, 119, 119
RGB Percent	41%, 47%, 47%
CMY	0.5882, 0.5333, 0.5333
CMYK	0.12, 0.00, 0.00, 0.53
HSL	180°, 6%, 44%
HSV	180°, 12%, 47%
XYZ	15.7523, 17.5288, 20.0059
YIQ	114.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

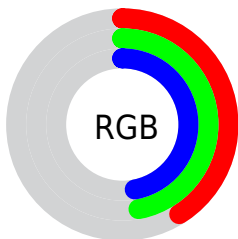
Format	Color
R_{YB}	105, 112, 119
Decimal	6911863
CIE _{Lab}	48.92, -5.18, -1.77
CIE _{LCh}	49, 5.475, 198.867
Yxy	17.5288, 0.2956, 0.3290
Android (android.graphics.Color)	4285101943 (0xFF697777)
YUV	114.8140, 2.0637, -8.6069
Hunter-Lab	41.8674, -6.1087, 0.9761

Details

The XYZ color **15.7523, 17.5288, 20.0059** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2098, 15.0455, 15.4679**, and the grayscale version is **16.2355, 17.0810, 18.6012**.

A 20% lighter version of the original color is **35.6239, 39.1340, 44.2041**, and **5.1355, 5.8609, 6.8218** is the 20% darker color. If you saturate the color by 10%, you get **14.4513, 16.8586, 19.9449**, and if you desaturate by 10%, it is **17.2499, 18.3013, 20.0768**.

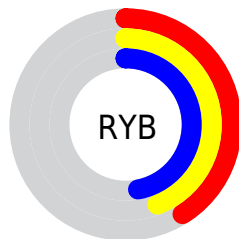
Distribution



Red (41%)

Green (47%)

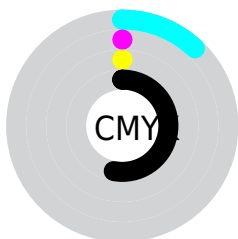
Blue (47%)



Red (41%)

Yellow (44%)

Blue (47%)

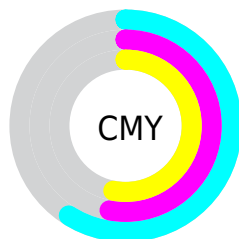


Cyan (12%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7523, 17.5288, 20.0059 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 15.7523, 17.5288, 20.0059 by changing the saturation by 10% instead.

■ 15.7523, 17.5288,
20.0059

■ 15.7523, 17.5288,
20.0059

221.1749,
238.2015, 264.5524

■ 9.4388, 10.6122,
12.2152

■ 35.7286, 39.2328,
44.2862

■ 5.0879, 5.8067,
6.7661

■ 50.1220, 54.7889,
61.6128

■ 2.3342, 2.7279,
3.2400

■ 67.9395, 73.9938,
82.9553

■ 0.8121, 0.9914,
1.2185

■ 89.5464, 97.2316,
108.7320

■ 0.0000, 0.0000,
0.0000

115.3080,
124.8870, 139.3615

145.5897,

157.3441, 175.2623

180.7569,
194.9875, 216.8531

■ 15.7523, 17.5288,
20.0059

■ 15.7523, 17.5288,
20.0059

■ 14.4513, 16.8586,
19.9449

■ 17.2499, 18.3013,
20.0768

■ 13.3373, 16.2843,
19.8923

■ 18.9503, 19.1779,
20.1569

■ 12.4023, 15.8023,
19.8480

■ 20.8611, 20.1629,
20.2468

■ 11.6368, 15.4077,
19.8117

■ 22.9892, 21.2600,
20.3469

■ 11.0308, 15.0953,
19.7829

■ 25.3412, 22.4725,
20.4574

■ 10.5730, 14.8593,
19.7610

■ 27.9232, 23.8036,
20.5787

■ 10.2506, 14.6931,
19.7454

■ 30.7414, 25.2564,
20.7111

■ 10.0489, 14.5891,
19.7355

■ 33.8015, 26.8339,
20.8548

■ 9.9261, 14.5259,
19.7294

■ 37.1090, 28.5390,
21.0101

Harmonies

Analogous

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



15.7194, 17.5288, 18.5502



15.7523, 17.5288, 20.0059



16.0256, 17.5288, 21.2739

Triad

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



15.7523, 17.5288, 20.0059



17.4080, 17.5288, 20.9880



16.8501, 17.5288, 16.4678

Complementary

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



15.7523, 17.5288, 20.0059



15.2098, 15.0455, 15.4679

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.



17.3122, 17.5288, 17.0533



15.7523, 17.5288, 20.0059



17.6386, 17.5288, 19.6317

Square

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



15.7523, 17.5288, 20.0059



16.9788, 17.5288, 21.8605



17.6032, 17.5288, 18.1945



16.3464, 17.5288, 16.5566

Rectangle

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



15.7523, 17.5288, 20.0059



16.3105, 17.5288, 21.8190



17.6032, 17.5288, 18.1945



17.0156, 17.5288, 16.5911

Sweetspot

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



15.7528, 17.5295, 20.0063



30.2301, 32.4317, 35.9194



15.0003, 17.2317, 15.9004



7.1220, 7.6642, 8.5106



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.



15.7528, 17.5295, 20.0063



27.5709, 31.0609, 35.7940



14.9759, 15.9756, 19.7479



3.7833, 4.1553, 4.6928



10.5455, 15.4322, 20.9603



51.3891, 75.2029, 102.1410

Inverse Universe

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



15.2098, 15.0455, 15.4679



26.4046, 25.7256, 26.0462



15.9266, 16.4794, 15.7064



3.6840, 3.7009, 3.8626



8.0829, 4.1669, 0.3787



39.3887, 20.3056, 1.8443

Previews

White Background



This preview shows how the XYZ color 15.7523, 17.5288, 20.0059 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 15.7523, 17.5288, 20.0059 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

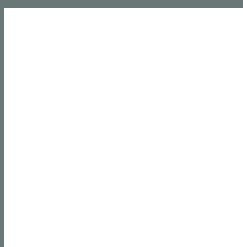
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7523, 17.5288, 20.0059

Background



This preview shows how black text looks on a background with the XYZ color 15.7523, 17.5288, 20.0059.



This preview shows how white text looks on a background with the XYZ color 15.7523, 17.5288,

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

15.7523, 17.5288, 20.0059

Protanopia

16.8128, 17.3974, 19.3015

Deuteranopia

17.7527, 17.5263, 20.2165



Tritanopia

16.2531, 17.5533, 22.6102

Trichromacy



Original Color

15.7523, 17.5288, 20.0059

Protanomaly

16.3255, 17.3095, 19.6202

Deuteranomaly

16.9921, 17.4691, 20.2456

Tritanomaly

16.0604, 17.4763, 21.5956

Monochromacy



Original Color

15.7523, 17.5288, 20.0059

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9533, 17.1312, 18.9888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7523, 17.5288, 20.0059 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, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(105, 119, 119)  
}
```

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, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 119, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.7523, 17.5288, 20.0059 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, 119, 119) }
```


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

```
.border{ border-color:rgb(105, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(105, 119,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7523, 17.5288, 20.0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 119, 119) }
```

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

```
.background{ background-color: rgb(105,  
119, 119) }
```

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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