

Converting Colors

XYZ(15.0632, 17.2160, 17.6802)

Have a look what the booklet for
XYZ(15.0632, 17.2160, 17.6802)
contains.

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Color

**XYZ(15.0596, 17.2249,
17.5699)**

Conversions

Conversions Part 1

Format	Color
Hex	67776F
RGB	103, 119, 111
RGB Percent	40%, 47%, 44%
CMY	0.5961, 0.5333, 0.5647
CMYK	0.13, 0.00, 0.07, 0.53
HSL	150°, 7%, 44%
HSV	150°, 13%, 47%
XYZ	15.0596, 17.2249, 17.5699
YIQ	113.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

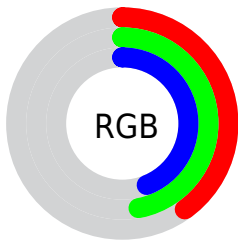
Format	Color
R_{YB}	103, 114, 119
Decimal	6780783
CIE Lab	48.54, -7.64, 2.40
CIE LCh	49, 8.007, 162.595
Yxy	17.2249, 0.3021, 0.3455
Android (android.graphics.Color)	4284970863 (0xFF67776F)
YUV	113.3040, -1.1359, -9.0366
Hunter-Lab	41.5029, -7.8601, 3.9521

Details

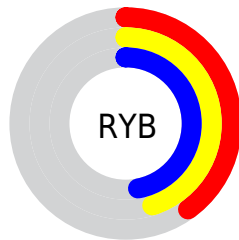
The XYZ color **15.0596, 17.2249, 17.5699** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3279, 14.7706, 17.0830**, and the grayscale version is **15.7915, 16.6139, 18.0925**.

A 20% lighter version of the original color is **34.5002, 38.6402, 40.2903**, and **4.7813, 5.7061, 5.5520** is the 20% darker color. If you saturate the color by 10%, you get **13.4738, 16.4445, 15.8420**, and if you desaturate by 10%, it is **16.8625, 18.1157, 19.4227**.

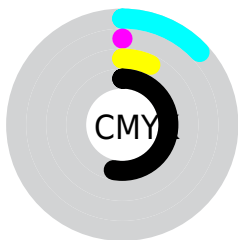
Distribution



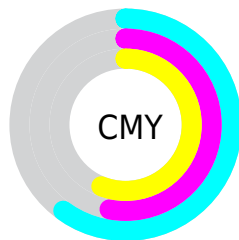
- Red (40%)
- Green (47%)
- Blue (44%)



- Red (40%)
- Yellow (45%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0596, 17.2249, 17.5699 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 15.0596, 17.2249, 17.5699 by changing the saturation by 10% instead.

■ 15.0596, 17.2249,
17.5699

■ 15.0596, 17.2249,
17.5699

217.1079,
236.4651, 250.5897

■ 8.9478, 10.3950,
10.4754

■ 34.5285, 38.7121,
40.1071

■ 4.7640, 5.6616,
5.6056

■ 48.6163, 54.1381,
56.3868

■ 2.1428, 2.6404,
2.5419

■ 66.0935, 73.1982,
76.5654

■ 0.7123, 0.9470,
0.8622

■ 87.3255, 96.2769,
101.0613

■ 0.0000, 0.0000,
0.0000

112.6776,
123.7586, 130.2932

142.5151,

156.0276, 164.6795

177.2034,
193.4683, 204.6388

■ 15.0596, 17.2249,
17.5699

■ 15.0596, 17.2249,
17.5699

■ 13.4738, 16.4445,
15.8420

■ 16.8625, 18.1157,
19.4227

■ 12.0952, 15.7679,
14.2352

■ 18.8891, 19.1187,
21.4017

■ 10.9149, 15.1912,
12.7472

■ 21.1476, 20.2387,
23.5098

■ 9.9231, 14.7092,
11.3752

■ 23.6454, 21.4794,
25.7493

■ 9.1089, 14.3165,
10.1163

■ 26.3893, 22.8442,
28.1226

■ 8.4606, 14.0070,
8.9674

■ 29.3860, 24.3367,
30.6318

■ 7.9644, 13.7738,
7.9252

■ 32.6421, 25.9600,
33.2793

■ 7.6030, 13.6079,
6.9863

■ 36.1636, 27.7173,
36.0670

■ 7.3994, 13.5152,
6.4237

■ 39.9565, 29.6117,
38.9972

Harmonies

Analogous

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



15.4335, 17.2249, 15.9298



15.0596, 17.2249, 17.5699



15.0306, 17.2249, 19.6517

Triad

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



15.0596, 17.2249, 17.5699



16.6819, 17.2249, 22.9899



17.4346, 17.2249, 16.1463

Complementary

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



15.0596, 17.2249, 17.5699



15.3279, 14.7706, 17.0830

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.



17.7904, 17.2249, 17.8860



15.0596, 17.2249, 17.5699



17.3472, 17.2249, 21.8959

Square

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



15.0596, 17.2249, 17.5699



15.9525, 17.2249, 22.8893



17.7580, 17.2249, 19.9922



16.7982, 17.2249, 15.1511

Rectangle

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



15.0596, 17.2249, 17.5699



15.2095, 17.2249, 21.0215



17.7580, 17.2249, 19.9922



17.5918, 17.2249, 16.6576

Sweetspot

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



15.0601, 17.2256, 17.5703



29.9709, 32.3280, 34.5547



15.6348, 17.5705, 15.3997



7.0510, 7.6358, 8.1370



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.



15.0601, 17.2256, 17.5703



26.0867, 30.4109, 30.5230



15.5047, 17.4035, 19.9118



3.7099, 4.1259, 4.3061



7.8562, 14.3565, 6.7990



37.8519, 69.7880, 30.8548

Inverse Universe

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



15.3279, 14.7706, 17.0830



26.6604, 25.1515, 29.4790



14.9201, 14.6075, 14.9357



3.7532, 3.7286, 4.2272



8.9307, 4.5060, 4.8434



43.0881, 21.7854, 21.3252

Previews

White Background



This preview shows how the XYZ color 15.0596, 17.2249, 17.5699 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 15.0596, 17.2249, 17.5699 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

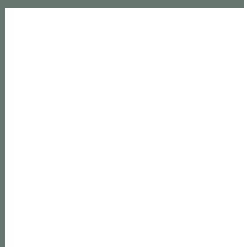
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0596, 17.2249, 17.5699

Background



This preview shows how black text looks on a background with the XYZ color 15.0596, 17.2249, 17.5699.



This preview shows how white text looks on a background with the XYZ color 15.0596, 17.2249,

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

15.0596, 17.2249, 17.5699

Protanopia

16.4988, 17.2875, 16.9352

Deuteranopia

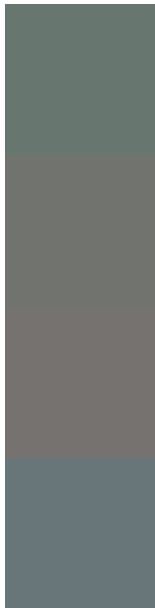
17.4175, 17.0732, 18.0002



Tritanopia

16.0710, 17.2931, 22.2295

Trichromacy



Original Color

15.0596, 17.2249, 17.5699

Protanomaly

15.8699, 17.1273, 17.2213

Deuteranomaly

16.4132, 17.0560, 17.7563

Tritanomaly

15.7553, 17.3406, 20.6058

Monochromacy



Original Color

15.0596, 17.2249, 17.5699

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3620, 16.6825, 17.7396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0596, 17.2249, 17.5699 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, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(103, 119, 111)  
}
```

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, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 119, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.0596, 17.2249, 17.5699 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, 119, 111) }
```


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

```
.border{ border-color:rgb(103, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(103, 119,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0596, 17.2249, 17.5699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 119, 111) }
```

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

```
.background{ background-color: rgb(103,  
119, 111) }
```

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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