

Converting Colors

XYZ(15.2832, 17.0760, 16.0092)

Have a look what the booklet for
XYZ(15.2832, 17.0760, 16.0092)
contains.

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Color

**XYZ(15.2695, 17.0144,
16.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	6D756A
RGB	109, 117, 106
RGB Percent	43%, 46%, 42%
CMY	0.5725, 0.5412, 0.5843
CMYK	0.07, 0.00, 0.09, 0.54
HSL	104°, 5%, 44%
HSV	104°, 9%, 46%
XYZ	15.2695, 17.0144, 16.1150
YIQ	113.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

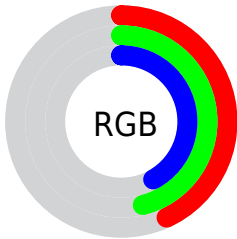
Format	Color
R_{YB}	106, 117, 114
Decimal	7173482
CIE _{Lab}	48.28, -5.25, 5.03
CIE _{LCh}	48, 7.273, 136.219
Yxy	17.0144, 0.3155, 0.3515
Android (android.graphics.Color)	4285363562 (0xFF6D756A)
YUV	113.3540, -3.6255, -3.8185
Hunter-Lab	41.2485, -6.1072, 5.7105

Details

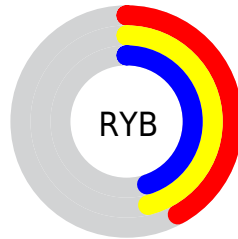
The XYZ color **15.2695, 17.0144, 16.1150** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3050, 15.1703, 18.9520**, and the grayscale version is **15.8123, 16.6358, 18.1164**.

A 20% lighter version of the original color is **34.7710, 38.2838, 37.4552**, and **4.9041, 5.5961, 4.9594** is the 20% darker color. If you saturate the color by 10%, you get **13.7055, 16.2742, 13.0794**, and if you desaturate by 10%, it is **17.0189, 17.8415, 19.5934**.

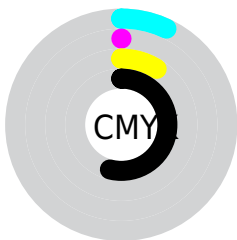
Distribution



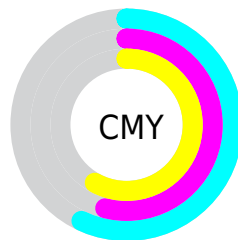
- Red (43%)
- Green (46%)
- Blue (42%)



- Red (42%)
- Yellow (46%)
- Blue (45%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2695, 17.0144, 16.1150 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 15.2695, 17.0144, 16.1150 by changing the saturation by 10% instead.

■ 15.2695, 17.0144,
16.1150

■ 15.2695, 17.0144,
16.1150

218.3479,
235.2553, 241.8882

■ 9.0963, 10.2448,
9.4503

■ 34.8931, 38.3505,
37.5673

■ 4.8617, 5.5615,
4.9353

■ 49.0741, 53.6858,
53.1920

■ 2.2002, 2.5804,
2.1513

■ 66.6552, 72.6451,
72.6405

■ 0.7429, 0.9168,
0.6460

■ 88.0016, 95.6128,
96.3313

■ 0.0000, 0.0000,
0.0000

113.4787,
122.9732, 124.6829

143.4519,

155.1109, 158.1139

178.2865,
192.4101, 197.0428

■ 15.2695, 17.0144,
16.1150

■ 15.2695, 17.0144,
16.1150

■ 13.7055, 16.2742,
13.0794

■ 17.0189, 17.8415,
19.5934

■ 12.3193, 15.6159,
10.4678

■ 18.9581, 18.7561,
23.5302

■ 11.1047, 15.0374,
8.2617

■ 21.0933, 19.7614,
27.9416

■ 10.0548, 14.5354,
6.4406

■ 23.4298, 20.8599,
32.8428

■ 9.1621, 14.1065,
4.9824

■ 25.9729, 22.0539,
38.2482

■ 8.4185, 13.7472,
3.8628

■ 28.7275, 23.3457,
44.1716

■ 7.8150, 13.4533,
3.0544

■ 31.6985, 24.7375,
50.6262

■ 7.3418, 13.2206,
2.5256

■ 34.8905, 26.2314,
57.6250

■ 6.9740, 13.0385,
2.1692

■ 38.3080, 27.8295,
65.1803

Harmonies

Analogous

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



15.8186, 17.0144, 15.2396



15.2695, 17.0144, 16.1150



14.9660, 17.0144, 17.6704

Triad

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



15.2695, 17.0144, 16.1150



15.8702, 17.0144, 22.2988



17.4256, 17.0144, 17.5256

Complementary

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



15.2695, 17.0144, 16.1150



15.3050, 15.1703, 18.9520

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.



17.4404, 17.0144, 19.4083



15.2695, 17.0144, 16.1150



16.5300, 17.0144, 22.2533

Square

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



15.2695, 17.0144, 16.1150



15.3064, 17.0144, 21.2859



17.1087, 17.0144, 21.1658



17.0690, 17.0144, 16.0152

Rectangle

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



15.2695, 17.0144, 16.1150



14.9384, 17.0144, 18.9237



17.1087, 17.0144, 21.1658



17.4711, 17.0144, 18.1335

Sweetspot

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



15.2700, 17.0151, 16.1154



29.2845, 31.3856, 32.7020



15.9425, 16.8316, 16.0445



6.6815, 7.1917, 7.4161



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.2700, 17.0151, 16.1154



26.7908, 30.2065, 27.7744



15.0329, 16.8784, 16.7605



3.7257, 4.1421, 3.9454



7.6480, 14.3471, 2.3662



36.5482, 69.5431, 11.4969

Inverse Universe

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



15.3050, 15.1703, 18.9520



26.8651, 26.2904, 33.7956



15.5633, 15.3194, 18.2416



3.7339, 3.7101, 4.6096



7.6599, 3.5402, 18.8222



36.4744, 16.8117, 91.6829

Previews

White Background



This preview shows how the XYZ color 15.2695, 17.0144, 16.1150 looks on a white background.

Color Contrast Check

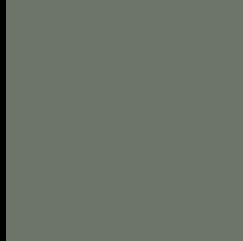
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2695, 17.0144, 16.1150 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

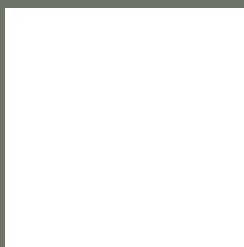
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2695, 17.0144, 16.1150

Background



This preview shows how black text looks on a background with the XYZ color 15.2695, 17.0144, 16.1150.



This preview shows how white text looks on a background with the XYZ color 15.2695, 17.0144,

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

15.2695, 17.0144, 16.1150

Protanopia

16.1238, 16.9560, 15.5197

Deuteranopia

17.2404, 17.0196, 16.2864



Tritanopia

16.3375, 16.9346, 21.4764

Trichromacy



Original Color

15.2695, 17.0144, 16.1150

Protanomaly

15.7508, 16.9262, 15.8015

Deuteranomaly

16.4441, 16.9367, 16.3123

Tritanomaly

15.8972, 16.9253, 19.2587

Monochromacy



Original Color

15.2695, 17.0144, 16.1150

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5139, 16.6052, 17.1393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2695, 17.0144, 16.1150 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(109, 117, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 117, 106)  
}
```

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(109, 117, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 117, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.2695, 17.0144, 16.1150 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(109, 117, 106) }
```


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

```
.border{ border-color:rgb(109, 117, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 117, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 117, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 117, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 117,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2695, 17.0144, 16.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 117, 106) }
```

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

```
.background{ background-color: rgb(109,  
117, 106) }
```

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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