

Converting Colors

XYZ(14.9735, 16.4691, 18.4688)

Have a look what the booklet for
XYZ(14.9735, 16.4691, 18.4688)
contains.

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Color

**XYZ(15.0509, 16.5025,
18.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	697373
RGB	105, 115, 115
RGB Percent	41%, 45%, 45%
CMY	0.5882, 0.5490, 0.5490
CMYK	0.09, 0.00, 0.00, 0.55
HSL	180°, 5%, 43%
HSV	180°, 9%, 45%
XYZ	15.0509, 16.5025, 18.6117
YIQ	112.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

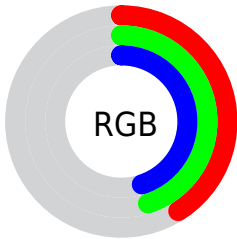
Format	Color
R_{YB}	105, 110, 115
Decimal	6910835
CIE _{Lab}	47.63, -3.75, -1.29
CIE _{LCh}	48, 3.965, 199.047
Yxy	16.5025, 0.3000, 0.3290
Android (android.graphics.Color)	4285100915 (0xFF697373)
YUV	112.0100, 1.4741, -6.1478
Hunter-Lab	40.6233, -4.9566, 1.2724

Details

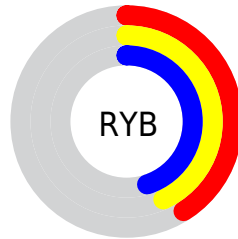
The XYZ color **15.0509, 16.5025, 18.6117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6721, 14.7683, 15.4425**, and the grayscale version is **15.4014, 16.2035, 17.6456**.

A 20% lighter version of the original color is **34.5041, 37.4954, 41.9780**, and **4.7652, 5.3191, 6.0857** is the 20% darker color. If you saturate the color by 10%, you get **13.7905, 15.8532, 18.5524**, and if you desaturate by 10%, it is **16.4949, 17.2474, 18.6802**.

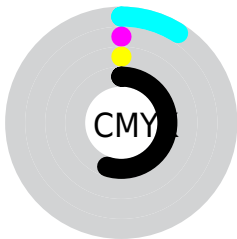
Distribution



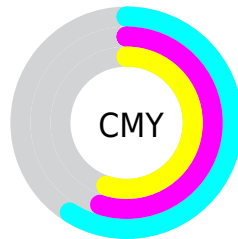
- Red (41%)
- Green (45%)
- Blue (45%)



- Red (41%)
- Yellow (43%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0509, 16.5025, 18.6117 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 15.0509, 16.5025, 18.6117 by changing the saturation by 10% instead.

■ 15.0509, 16.5025,
18.6117

■ 15.0509, 16.5025,
18.6117

217.0564,
232.2889, 256.6476

■ 8.9417, 9.8804,
11.2161

■ 34.5134, 37.4684,
41.9048

■ 4.7600, 5.3197,
6.0964

■ 48.5973, 52.5810,
58.6394

■ 2.1404, 2.4361,
2.8340

■ 66.0702, 71.2926,
79.3241

■ 0.7110, 0.8444,
1.0105

■ 87.2974, 93.9875,
104.3774

■ 0.0000, 0.0000,
0.0000

112.6443,
121.0503, 134.2179

142.4762,

152.8651, 169.2640

177.1584,
189.8165, 209.9344

■ 15.0509, 16.5025,
18.6117

■ 15.0509, 16.5025,
18.6117

■ 13.7905, 15.8532,
18.5524

■ 16.4949, 17.2474,
18.6802

■ 12.7050, 15.2936,
18.5010

■ 18.1281, 18.0893,
18.7573

■ 11.7872, 14.8205,
18.4575

■ 19.9573, 19.0323,
18.8435

■ 11.0287, 14.4295,
18.4214

■ 21.9889, 20.0796,
18.9392

■ 10.4205, 14.1159,
18.3923

■ 24.2287, 21.2342,
19.0446

■ 9.9524, 13.8747,
18.3698

■ 26.6824, 22.4991,
19.1601

■ 9.6134, 13.6999,
18.3533

■ 29.3555, 23.8771,
19.2858

■ 9.3906, 13.5851,
18.3422

■ 32.2532, 25.3710,
19.4220

■ 9.2433, 13.5091,
18.3347

■ 35.3807, 26.9833,
19.5690

Harmonies

Analogous

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



15.0267, 16.5025, 17.6008



15.0509, 16.5025, 18.6117



15.2435, 16.5025, 19.4802

Triad

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



15.0509, 16.5025, 18.6117



16.2045, 16.5025, 19.2758



15.8147, 16.5025, 16.1229

Complementary

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



15.0509, 16.5025, 18.6117



14.6721, 14.7683, 15.4425

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.



16.1352, 16.5025, 16.5369



15.0509, 16.5025, 18.6117



16.3625, 16.5025, 18.3411

Square

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



15.0509, 16.5025, 18.6117



15.9082, 16.5025, 19.8735



16.3369, 16.5025, 17.3401



15.4642, 16.5025, 16.1892

Rectangle

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



15.0509, 16.5025, 18.6117



15.4431, 16.5025, 19.8498



16.3369, 16.5025, 17.3401



15.9296, 16.5025, 16.2098

Sweetspot

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



15.0514, 16.5032, 18.6121



28.3623, 30.2783, 33.3936



14.5262, 16.2954, 15.7445



6.7221, 7.2005, 7.9644



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.



15.0514, 16.5032, 18.6121



26.5764, 29.3576, 33.3092



14.5145, 15.4294, 18.4336



3.7833, 4.1553, 4.6927



10.5451, 15.4320, 20.9584



51.3872, 75.2022, 102.1309

Inverse Universe

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



14.6721, 14.7683, 15.4425



25.7832, 25.7288, 26.6797



15.1786, 15.7812, 15.6109



3.6840, 3.7009, 3.8626



8.0829, 4.1669, 0.3789



39.3888, 20.3056, 1.8446

Previews

White Background



This preview shows how the XYZ color 15.0509, 16.5025, 18.6117 looks on a white background.

Color Contrast Check

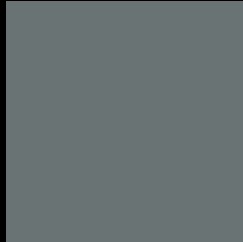
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0509, 16.5025, 18.6117 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

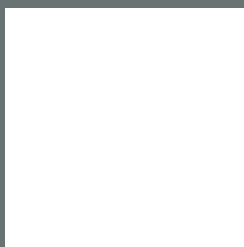
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0509, 16.5025, 18.6117

Background



This preview shows how black text looks on a background with the XYZ color 15.0509, 16.5025, 18.6117.



This preview shows how white text looks on a background with the XYZ color 15.0509, 16.5025,

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

15.0509, 16.5025, 18.6117

Protanopia

15.8450, 16.4254, 17.9581

Deuteranopia

16.6471, 16.3358, 18.7987



Tritanopia

15.5363, 16.5289, 21.1104

Trichromacy



Original Color

15.0509, 16.5025, 18.6117

Protanomaly

15.4979, 16.4047, 18.2692

Deuteranomaly

16.0393, 16.3428, 18.8321

Tritanomaly

15.3513, 16.4549, 20.1363

Monochromacy



Original Color

15.0509, 16.5025, 18.6117

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1924, 16.2537, 17.9593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0509, 16.5025, 18.6117 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, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 115)  
}
```

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, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.0509, 16.5025, 18.6117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

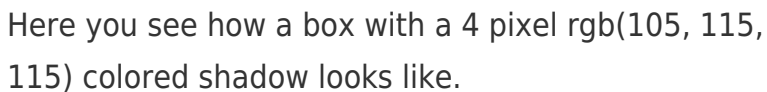
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 115, 115) }
```


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

```
.border{ border-color:rgb(105, 115, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 115, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 115, 115); box-shadow:4px 4px 4px 4px rgb(105, 115, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0509, 16.5025, 18.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 115) }
```

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

```
.background{ background-color: rgb(105,  
115, 115) }
```

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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