

Converting Colors

XYZ(15.6388, 15.6605, 18.5302)

Have a look what the booklet for
XYZ(15.6388, 15.6605, 18.5302)
contains.

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Color

**XYZ(15.6595, 15.6759,
18.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	746C73
RGB	116, 108, 115
RGB Percent	45%, 42%, 45%
CMY	0.5451, 0.5765, 0.5490
CMYK	0.00, 0.07, 0.01, 0.55
HSL	307°, 4%, 44%
HSV	307°, 7%, 45%
XYZ	15.6595, 15.6759, 18.4201
YIQ	111.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

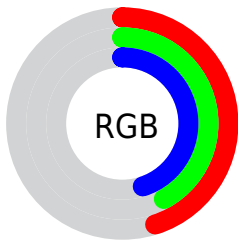
Format	Color
R_{YB}	116, 108, 115
Decimal	7629939
CIE Lab	46.55, 4.51, -2.77
CIE LCh	47, 5.294, 328.389
Yxy	15.6759, 0.3147, 0.3151
Android (android.graphics.Color)	4285820019 (0xFF746C73)
YUV	111.1900, 1.8783, 4.2184
Hunter-Lab	39.5928, 1.3118, 0.1310

Details

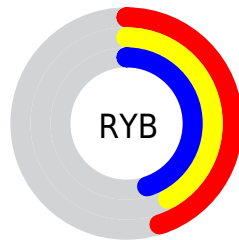
The XYZ color **15.6595, 15.6759, 18.4201** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1906, 16.7834, 16.9076**, and the grayscale version is **15.1591, 15.9486, 17.3680**.

A 20% lighter version of the original color is **35.5216, 35.9111, 41.6186**, and **5.0658, 4.9717, 6.0028** is the 20% darker color. If you saturate the color by 10%, you get **14.4340, 13.3572, 17.6034**, and if you desaturate by 10%, it is **17.0500, 18.3221, 19.2987**.

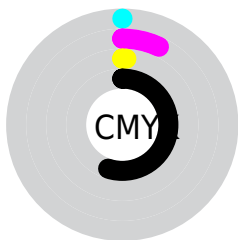
Distribution



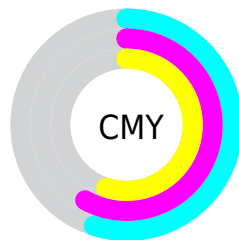
- Red (45%)
- Green (42%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6595, 15.6759, 18.4201 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 15.6595, 15.6759, 18.4201 by changing the saturation by 10% instead.

■ 15.6595, 15.6759,
18.4201

■ 15.6595, 15.6759,
18.4201

220.6341,
227.4216, 255.5436

■ 9.3728, 9.2951,
11.0795

■ 35.5683, 36.0346,
41.5754

■ 5.0442, 4.9342,
6.0055

■ 49.9212, 50.7814,
58.2272

■ 2.3083, 2.2087,
2.7796

■ 67.6935, 69.0855,
78.8198

■ 0.7989, 0.7247,
0.9832

■ 89.2506, 91.3315,
103.7717

■ 0.0000, 0.0000,
0.0000

114.9578,
117.9037, 133.5015

145.1806,

149.1865, 168.4277

180.2843,
185.5644, 208.9689

■ 15.6595, 15.6759,
18.4201

■ 15.6595, 15.6759,
18.4201

■ 14.4340, 13.3572,
17.6034

■ 17.0500, 18.3221,
19.2987

■ 13.3658, 11.3511,
16.8453

■ 18.6102, 21.3058,
20.2402

■ 12.4485, 9.6448,
16.1439

■ 20.3463, 24.6392,
21.2469

■ 11.6748, 8.2237,
15.4969

■ 22.2637, 28.3331,
22.3205

■ 11.0368, 7.0719,
14.9014

■ 24.3677, 32.3979,
23.4629

■ 10.5258, 6.1720,
14.3545

■ 26.6632, 36.8438,
24.6759

■ 10.1321, 5.5047,
13.8531

■ 29.1551, 41.6802,
25.9609

■ 9.8446, 5.0478,
13.3933

■ 31.8481, 46.9165,
27.3196

■ 9.6375, 4.7496,
12.9666

■ 34.7465, 52.5617,
28.7535

Harmonies

Analogous

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



15.3207, 15.6759, 19.3766



15.6595, 15.6759, 18.4201



15.7941, 15.6759, 17.1392

Triad

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



15.6595, 15.6759, 18.4201



14.9242, 15.6759, 14.6770



14.1406, 15.6759, 18.2916

Complementary

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



15.6595, 15.6759, 18.4201



15.1906, 16.7834, 16.9076

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.



14.0392, 15.6759, 16.9978



15.6595, 15.6759, 18.4201



14.4861, 15.6759, 14.9512

Square

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



15.6595, 15.6759, 18.4201



15.3643, 15.6759, 15.0160



14.1644, 15.6759, 15.7845



14.4442, 15.6759, 19.2998

Rectangle

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



15.6595, 15.6759, 18.4201



15.7480, 15.6759, 16.2876



14.1644, 15.6759, 15.7845



14.0820, 15.6759, 17.8737

Sweetspot

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



15.6600, 15.6766, 18.4204



28.6741, 29.7361, 33.1137



14.8141, 15.2338, 18.6828



6.8497, 7.1113, 7.9055



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.



15.6600, 15.6766, 18.4204



27.2291, 26.9910, 32.1857



15.4384, 15.5880, 17.2538



3.8079, 3.7504, 4.5151



10.7420, 5.2305, 14.3812



52.1306, 25.4023, 68.9420

Inverse Universe

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



15.6600, 15.6766, 18.4204



27.2291, 26.9910, 32.1857



15.4071, 16.8700, 18.0477



3.8079, 3.7504, 4.5151



10.7420, 5.2305, 14.3812



52.1306, 25.4023, 68.9420

Previews

White Background



This preview shows how the XYZ color 15.6595, 15.6759, 18.4201 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 15.6595, 15.6759, 18.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

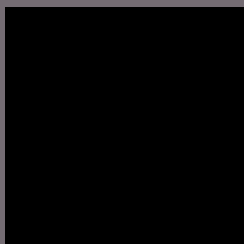
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6595, 15.6759, 18.4201

Background



This preview shows how black text looks on a background with the XYZ color 15.6595, 15.6759, 18.4201.



This preview shows how white text looks on a background with the XYZ color 15.6595, 15.6759,

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

15.6595, 15.6759, 18.4201

Protanopia

15.2839, 15.7923, 18.7657

Deuteranopia

15.9600, 15.6751, 18.4041



Tritanopia

15.7174, 15.6991, 18.7248

Trichromacy



Original Color

15.6595, 15.6759, 18.4201

Protanomaly

15.4311, 15.7089, 18.7418

Deuteranomaly

15.8234, 15.6047, 18.3977

Tritanomaly

15.7174, 15.6991, 18.7248

Monochromacy



Original Color

15.6595, 15.6759, 18.4201

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3106, 15.8324, 17.5782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6595, 15.6759, 18.4201 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(116, 108, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 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(116, 108, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.6595, 15.6759, 18.4201 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(116, 108, 115) }
```


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

```
.border{ border-color:rgb(116, 108, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6595, 15.6759, 18.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 115) }
```

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

```
.background{ background-color: rgb(116,  
108, 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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