

Converting Colors

XYZ(15.5111, 15.7750, 19.3846)

Have a look what the booklet for
XYZ(15.5111, 15.7750, 19.3846)
contains.

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Color

**XYZ(15.4207, 15.6900,
19.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	706D76
RGB	112, 109, 118
RGB Percent	44%, 43%, 46%
CMY	0.5608, 0.5725, 0.5373
CMYK	0.05, 0.08, 0.00, 0.54
HSL	260°, 4%, 45%
HSV	260°, 8%, 46%
XYZ	15.4207, 15.6900, 19.3553
YIQ	110.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

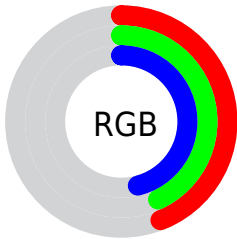
Format	Color
R_{YB}	112, 109, 118
Decimal	7368054
CIE _{Lab}	46.57, 3.03, -4.58
CIE _{LCh}	47, 5.493, 303.441
Yxy	15.6900, 0.3056, 0.3109
Android (android.graphics.Color)	4285558134 (0xFF706D76)
YUV	110.9230, 3.4890, 0.9445
Hunter-Lab	39.6106, 0.1728, -1.2440

Details

The XYZ color **15.4207, 15.6900, 19.3553** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3096, 17.7063, 17.0268**, and the grayscale version is **15.0779, 15.8631, 17.2749**.

A 20% lighter version of the original color is **35.1363, 35.9364, 43.1147**, and **4.9425, 4.9774, 6.4946** is the 20% darker color. If you saturate the color by 10%, you get **13.2877, 12.8459, 18.9190**, and if you desaturate by 10%, it is **17.8111, 18.9186, 19.8527**.

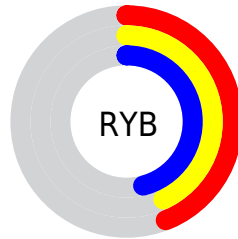
Distribution



Red (44%)

Green (43%)

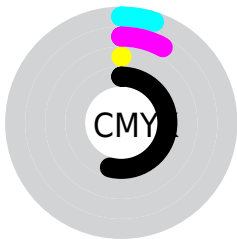
Blue (46%)



Red (44%)

Yellow (43%)

Blue (46%)

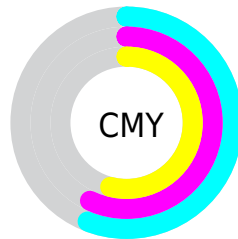


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4207, 15.6900, 19.3553 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 15.4207, 15.6900, 19.3553 by changing the saturation by 10% instead.

■ 15.4207, 15.6900,
19.3553

■ 15.4207, 15.6900,
19.3553

219.2369,
227.5055, 260.8910

■ 9.2034, 9.3051,
11.7479

■ 35.1552, 36.0592,
43.1783

■ 4.9323, 4.9407,
6.4518

■ 49.4031, 50.8122,
60.2309

■ 2.2419, 2.2125,
3.0485

■ 67.0585, 69.1234,
81.2691

■ 0.7647, 0.7268,
1.1195

■ 88.4869, 91.3771,
106.7112

■ 0.0000, 0.0000,
0.0000

114.0536,
117.9578, 136.9760

144.1239,

149.2498, 172.4818

179.0632,
185.6376, 213.6473

■ 15.4207, 15.6900,
19.3553

■ 15.4207, 15.6900,
19.3553

■ 13.2877, 12.8459,
18.9190

■ 17.8111, 18.9186,
19.8527

■ 11.4019, 10.3697,
18.5404

■ 20.4661, 22.5435,
20.4125

■ 9.7543, 8.2467,
18.2175

■ 23.3941, 26.5782,
21.0369

■ 8.3348, 6.4602,
17.9475

■ 26.6029, 31.0354,
21.7281

■ 7.1325, 4.9925,
17.7276

■ 30.0999, 35.9268,
22.4880

6.1356, 3.8238,
17.5545

33.8921, 41.2639,
23.3183

5.3311, 2.9322,
17.4248

37.9865, 47.0578,
24.2208

4.7044, 2.2927,
17.3344

42.3896, 53.3190,
25.1973

4.2222, 1.8440,
17.2732

47.1080, 60.0579,
26.2493

Harmonies

Analogous

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



14.9676, 15.6900, 19.8234



15.4207, 15.6900, 19.3553



15.7429, 15.6900, 18.2774

Triad

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



15.4207, 15.6900, 19.3553



15.3240, 15.6900, 14.8541



14.0216, 15.6900, 17.2409

Complementary

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



15.4207, 15.6900, 19.3553



16.3096, 17.7063, 17.0268

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.



14.1125, 15.6900, 15.9432



15.4207, 15.6900, 19.3553



14.8582, 15.6900, 14.6089

Square

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



15.4207, 15.6900, 19.3553



15.6863, 15.6900, 15.6856



14.4163, 15.6900, 14.9973



14.1653, 15.6900, 18.5626

Rectangle

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



15.4207, 15.6900, 19.3553



15.8366, 15.6900, 17.3836



14.4163, 15.6900, 14.9973



14.0258, 15.6900, 16.7874

Sweetspot

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



15.4212, 15.6907, 19.3556



29.4015, 30.6689, 34.5071



15.7251, 16.8555, 19.5645



6.7753, 7.0721, 7.9369



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.



15.4212, 15.6907, 19.3556



26.4855, 26.7447, 33.9033



15.9882, 15.9830, 19.3822



3.6050, 3.6437, 4.6035



4.4433, 1.8819, 18.6716



20.8295, 8.7465, 90.9507

Inverse Universe

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



16.0350, 16.0274, 18.4691



27.7808, 27.4554, 32.0237



15.7509, 17.4183, 17.0007



3.7772, 3.7382, 4.3537



9.5914, 4.7703, 8.3226



46.3307, 23.0824, 38.4006

Previews

White Background



This preview shows how the XYZ color 15.4207, 15.6900, 19.3553 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 15.4207, 15.6900, 19.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

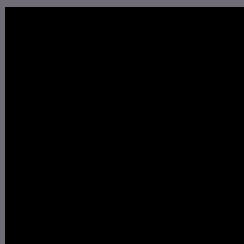
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

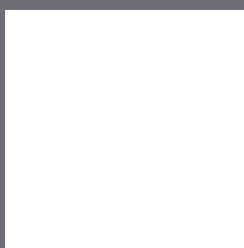
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4207, 15.6900, 19.3553

Background



This preview shows how black text looks on a background with the XYZ color 15.4207, 15.6900, 19.3553.



This preview shows how white text looks on a background with the XYZ color 15.4207, 15.6900,

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

15.4207, 15.6900, 19.3553

Protanopia

15.2764, 15.7749, 19.3792

Deuteranopia

15.8638, 15.6053, 19.3156



Tritanopia

15.4207, 15.6900, 19.3553

Trichromacy



Original Color

15.4207, 15.6900, 19.3553

Protanomaly

15.4015, 15.8394, 19.3851

Deuteranomaly

15.7028, 15.6780, 19.3381

Tritanomaly

15.4207, 15.6900, 19.3553

Monochromacy



Original Color

15.4207, 15.6900, 19.3553

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1687, 15.7463, 18.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4207, 15.6900, 19.3553 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(112, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(112, 109, 118)  
}
```

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(112, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 109, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.4207, 15.6900, 19.3553 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(112, 109, 118) }
```


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

```
.border{ border-color:rgb(112, 109, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 109, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 109, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 109, 118);  
box-shadow:4px 4px 4px 4px rgb(112, 109,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4207, 15.6900, 19.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 109, 118) }
```

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

```
.background{ background-color: rgb(112,  
109, 118) }
```

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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