

Converting Colors

XYZ(15.5963, 16.6484, 19.3137)

Have a look what the booklet for
XYZ(15.5963, 16.6484, 19.3137)
contains.

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Color

**XYZ(15.5349, 16.5702,
19.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7275
RGB	109, 114, 117
RGB Percent	43%, 45%, 46%
CMY	0.5725, 0.5529, 0.5412
CMYK	0.07, 0.03, 0.00, 0.54
HSL	202°, 4%, 44%
HSV	202°, 7%, 46%
XYZ	15.5349, 16.5702, 19.2092
YIQ	112.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

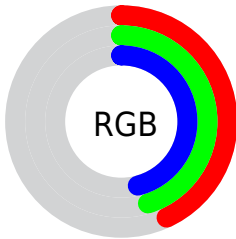
Format	Color
R_{YB}	109, 112, 117
Decimal	7172725
CIE Lab	47.71, -1.25, -2.32
CIE LCh	48, 2.636, 241.621
Yxy	16.5702, 0.3027, 0.3229
Android (android.graphics.Color)	4285362805 (0xFF6D7275)
YUV	112.8470, 2.0474, -3.3738
Hunter-Lab	40.7065, -3.1151, 0.5159

Details

The XYZ color **15.5349, 16.5702, 19.2092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8907, 16.4743, 16.8107**, and the grayscale version is **15.6461, 16.4609, 17.9259**.

A 20% lighter version of the original color is **35.2949, 37.6106, 42.9354**, and **5.0090, 5.3502, 6.3989** is the 20% darker color. If you saturate the color by 10%, you get **13.7076, 14.9119, 18.9857**, and if you desaturate by 10%, it is **17.5785, 18.3761, 19.4503**.

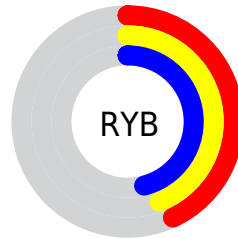
Distribution



Red (43%)

Green (45%)

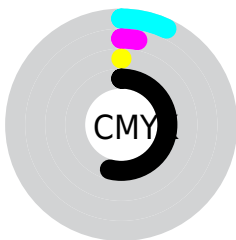
Blue (46%)



Red (43%)

Yellow (44%)

Blue (46%)

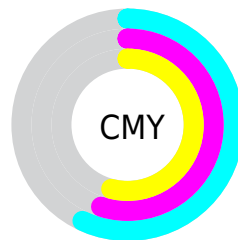


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5349, 16.5702, 19.2092 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 15.5349, 16.5702, 19.2092 by changing the saturation by 10% instead.

■ 15.5349, 16.5702,
19.2092

■ 15.5349, 16.5702,
19.2092

219.9062,
232.6832, 260.0623

■ 9.2844, 9.9285,
11.6432

■ 35.3529, 37.5853,
42.9287

■ 4.9857, 5.3516,
6.3816

■ 49.6510, 52.7275,
59.9193

■ 2.2736, 2.4550,
3.0060

■ 67.3625, 71.4721,
80.8885

■ 0.7811, 0.8540,
1.0977

■ 88.8525, 94.2033,
106.2548

■ 0.0000, 0.0000,
0.0000

114.4866,
121.3057, 136.4368

144.6300,

153.1635, 171.8530

179.6480,
190.1612, 212.9220

■ 15.5349, 16.5702,
19.2092

■ 15.5349, 16.5702,
19.2092

■ 13.7076, 14.9119,
18.9857

■ 17.5785, 18.3761,
19.4503

■ 12.0874, 13.3946,
18.7782

■ 19.8443, 20.3319,
19.7084

■ 10.6663, 12.0141,
18.5867

■ 22.3400, 22.4423,
19.9842

■ 9.4354, 10.7655,
18.4105

■ 25.0722, 24.7112,
20.2782

■ 8.3851, 9.6431,
18.2492

■ 28.0474, 27.1425,
20.5906

7.5047, 8.6410,
18.1022

31.2718, 29.7397,
20.9220

6.7825, 7.7525,
17.9688

34.7513, 32.5064,
21.2726

6.2050, 6.9702,
17.8482

38.4917, 35.4460,
21.6429

5.7421, 6.2780,
17.7390

42.4985, 38.5617,
22.0331

Harmonies

Analogous

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



15.3664, 16.5702, 18.7317



15.5349, 16.5702, 19.2092



15.7623, 16.5702, 19.3719

Triad

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



15.5349, 16.5702, 19.2092



16.2072, 16.5702, 18.0054



15.5129, 16.5702, 16.9586

Complementary

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



15.5349, 16.5702, 19.2092



15.8907, 16.4743, 16.8107

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.



15.7367, 16.5702, 16.7747



15.5349, 16.5702, 19.2092



16.1388, 16.5702, 17.3697

Square

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



15.5349, 16.5702, 19.2092



16.1519, 16.5702, 18.6665



15.9660, 16.5702, 16.9233



15.3538, 16.5702, 17.4318

Rectangle

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



15.5349, 16.5702, 19.2092



15.9172, 16.5702, 19.2767



15.9660, 16.5702, 16.9233



15.5830, 16.5702, 16.8614

Sweetspot

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



15.5354, 16.5709, 19.2096



29.5208, 31.1871, 34.6008



15.5892, 17.1424, 17.7973



6.8007, 7.1822, 7.9568



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.



15.5354, 16.5709, 19.2096



27.3483, 29.2511, 34.3416



15.1010, 15.7022, 19.0648



3.6735, 3.9356, 4.6563



6.1586, 6.6569, 19.5029



29.1689, 30.7544, 94.7591

Inverse Universe

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



15.8424, 15.9345, 18.1611



28.0044, 27.9026, 32.0983



16.3344, 17.3617, 16.9586



3.7712, 3.7358, 4.3219



9.4057, 4.6960, 7.3446



45.4099, 22.7141, 33.5513

Previews

White Background



This preview shows how the XYZ color 15.5349, 16.5702, 19.2092 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 15.5349, 16.5702, 19.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

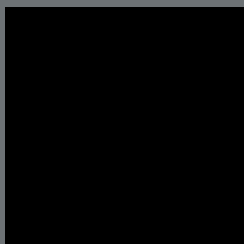
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

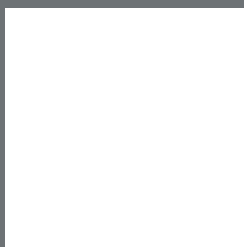
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5349, 16.5702, 19.2092

Background



This preview shows how black text looks on a background with the XYZ color 15.5349, 16.5702, 19.2092.



This preview shows how white text looks on a background with the XYZ color 15.5349, 16.5702,

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

15.5349, 16.5702, 19.2092

Protanopia

15.8860, 16.4267, 18.8564

Deuteranopia

16.8720, 16.5974, 19.4539



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

15.5349, 16.5702, 19.2092

Protanomaly

15.7396, 16.5160, 18.8813

Deuteranomaly

16.2906, 16.4588, 19.4578

Tritanomaly

15.7257, 16.4813, 20.1217

Monochromacy



Original Color

15.5349, 16.5702, 19.2092

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6245, 16.4699, 18.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5349, 16.5702, 19.2092 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, 114, 117) looks like.

```
.text, #text, p{  
    color:rgb(109, 114, 117)  
}
```

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, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 114, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.5349, 16.5702, 19.2092 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, 114, 117) }
```


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

```
.border{ border-color:rgb(109, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(109, 114,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5349, 16.5702, 19.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 114, 117) }
```

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

```
.background{ background-color: rgb(109,  
114, 117) }
```

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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