

Converting Colors

XYZ(15.4774, 16.8762, 11.1323)

Have a look what the booklet for
XYZ(15.4774, 16.8762, 11.1323)
contains.

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Color

**XYZ(15.5162, 16.9104,
11.0406)**

Conversions

Conversions Part 1

Format	Color
Hex	787355
RGB	120, 115, 85
RGB Percent	47%, 45%, 33%
CMY	0.5294, 0.5490, 0.6667
CMYK	0.00, 0.04, 0.29, 0.53
HSL	51°, 17%, 40%
HSV	51°, 29%, 47%
XYZ	15.5162, 16.9104, 11.0406
YIQ	113.0750, 12.6100, -8.2700

Conversions

Conversions Part 2

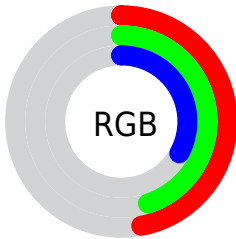
Format	Color
RYB	91, 120, 85
Decimal	7893845
CIELab	48.15, -3.23, 17.34
CIELCh	48, 17.634, 100.553
Yxy	16.9104, 0.3570, 0.3890
Android (android.graphics.Color)	4286083925 (0xFF787355)
YUV	113.0750, -13.8410, 6.0732
Hunter-Lab	41.1223, -4.6125, 12.8673

Details

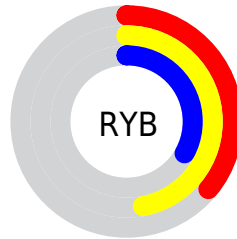
The XYZ color **15.5162, 16.9104, 11.0406** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.7927, 10.5996, 19.2466**, and the grayscale version is **15.7558, 16.5763, 18.0516**.

A 20% lighter version of the original color is **35.4255, 38.2709, 28.4416**, and **4.9719, 5.5004, 2.7191** is the 20% darker color. If you saturate the color by 10%, you get **14.8859, 16.3491, 8.6747**, and if you desaturate by 10%, it is **16.2319, 17.5128, 13.8344**.

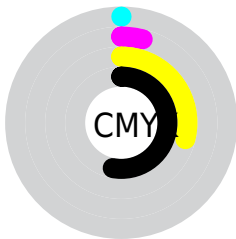
Distribution



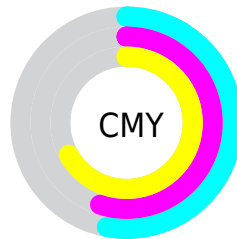
- Red (47%)
- Green (45%)
- Blue (33%)



- Red (36%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5162, 16.9104, 11.0406 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 15.5162, 16.9104, 11.0406 by changing the saturation by 10% instead.

■ 15.5162, 16.9104,
11.0406

■ 15.5162, 16.9104,
11.0406

219.7967,
234.6555, 208.6933

■ 9.2711, 10.1706,
5.9796

■ 35.3205, 38.1717,
28.3730

■ 4.9770, 5.5122,
2.7641

■ 49.6105, 53.4619,
41.4815

■ 2.2684, 2.5508,
0.9755

■ 67.3128, 72.3712,
58.1097

■ 0.7784, 0.9020,
0.0000

■ 88.7927, 95.2838,
78.6760

■ 0.0000, 0.0000,
0.0000

■ 114.4158,
122.5841, 103.5989

144.5472,

154.6566, 133.2971

179.5524,
191.8856, 168.1891

■ 15.5162, 16.9104,
11.0406

■ 15.5162, 16.9104,
11.0406

■ 14.8859, 16.3491,
8.6747

■ 16.2319, 17.5128,
13.8344

■ 14.3356, 15.8250,
6.7140

■ 17.0354, 18.1557,
17.0749

■ 13.8613, 15.3371,
5.1356

■ 17.9308, 18.8411,
20.7813

■ 13.4580, 14.8833,
3.9138

■ 18.9215, 19.5706,
24.9711

■ 13.1203, 14.4614,
3.0196

■ 20.0107, 20.3454,
29.6611

■ 12.8418, 14.0688,
2.4195

■ 21.2014, 21.1668,
34.8672

■ 12.6024, 13.6975,
2.0084

■ 22.4965, 22.0359,
40.6046

■ 12.5827, 13.6669,
1.9748

■ 23.8987, 22.9539,
46.8879

■ 25.4109, 23.9219,
53.7312

Harmonies

Analogous

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



17.1186, 16.9104, 11.2939



15.5162, 16.9104, 11.0406



14.1553, 16.9104, 12.4987

Triad

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



15.5162, 16.9104, 11.0406



13.8477, 16.9104, 24.7525



19.1504, 16.9104, 21.5032

Complementary

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



15.5162, 16.9104, 11.0406



10.7927, 10.5996, 19.2466

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.



18.1562, 16.9104, 25.9477



15.5162, 16.9104, 11.0406



15.0706, 16.9104, 28.0283

Square

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



15.5162, 16.9104, 11.0406



13.2352, 16.9104, 20.0730



16.6426, 16.9104, 28.4987



19.2895, 16.9104, 16.8463

Rectangle

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



15.5162, 16.9104, 11.0406



13.5409, 16.9104, 14.4133



16.6426, 16.9104, 28.4987



18.9022, 16.9104, 23.0906

Sweetspot

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



15.5166, 16.9112, 11.0410



29.9538, 31.9259, 29.9982



12.8506, 11.2328, 11.2198



7.0561, 7.5327, 6.9353



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5166, 16.9112, 11.0410



26.5324, 29.0744, 16.5531



14.5104, 17.2615, 11.1616



4.2613, 4.5411, 4.2764



13.7191, 14.8942, 2.1518



64.9671, 70.0976, 10.1061

Inverse Universe

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



10.7927, 10.5996, 19.2466



16.7976, 16.0700, 33.4696



11.5954, 10.4085, 19.1674



3.8396, 3.9774, 5.0085



3.9122, 1.9069, 19.5472



18.2744, 8.3215, 93.1128

Previews

White Background



This preview shows how the XYZ color 15.5162, 16.9104, 11.0406 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 15.5162, 16.9104, 11.0406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

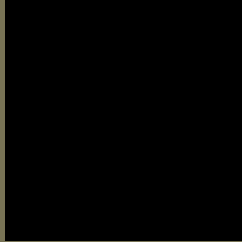
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5162, 16.9104, 11.0406

Background



This preview shows how black text looks on a background with the XYZ color 15.5162, 16.9104, 11.0406.



This preview shows how white text looks on a background with the XYZ color 15.5162, 16.9104,

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

15.5162, 16.9104, 11.0406

Protanopia

15.8254, 16.9015, 11.0225

Deuteranopia

17.2473, 16.9746, 11.1715



Tritanopia

17.3264, 16.9859, 19.8182

Trichromacy



Original Color

15.5162, 16.9104, 11.0406

Protanomaly

15.6830, 16.8281, 11.0159

Deuteranomaly

16.6798, 17.0061, 11.2075

Tritanomaly

16.6164, 16.8608, 16.2886

Monochromacy



Original Color

15.5162, 16.9104, 11.0406

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6680, 16.7269, 15.2348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5162, 16.9104, 11.0406 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(120, 115, 85)` looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 85)  
}
```

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(120, 115, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.5162, 16.9104, 11.0406 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(120, 115, 85) }
```


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

```
.border{ border-color:rgb(120, 115, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 85);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5162, 16.9104, 11.0406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 85) }
```

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

```
.background{ background-color: rgb(120,  
115, 85) }
```

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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