

Converting Colors

XYZ(11.8588, 11.4636, 9.1118)

Have a look what the booklet for
XYZ(11.8588, 11.4636, 9.1118)
contains.

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Color

**XYZ(11.8711, 11.5061,
9.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	705B50
RGB	112, 91, 80
RGB Percent	44%, 36%, 31%
CMY	0.5608, 0.6431, 0.6863
CMYK	0.00, 0.19, 0.29, 0.56
HSL	21°, 17%, 38%
HSV	21°, 29%, 44%
XYZ	11.8711, 11.5061, 9.1846
YIQ	96.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

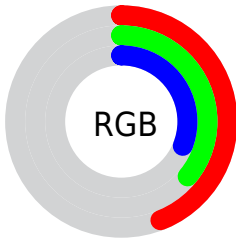
Format	Color
R_{YB}	112, 97, 80
Decimal	7363408
CIE Lab	40.42, 6.74, 9.56
CIE LCh	40, 11.700, 54.819
Yxy	11.5061, 0.3646, 0.3534
Android (android.graphics.Color)	4285553488 (0xFF705B50)
YUV	96.0250, -7.9003, 14.0101
Hunter-Lab	33.9206, 3.1080, 7.6907




Details

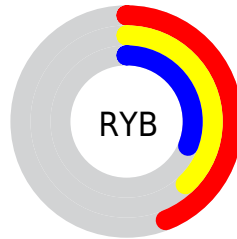
The XYZ color **11.8711, 11.5061, 9.1846** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8863, 12.1822, 17.1068**, and the grayscale version is **11.1403, 11.7205, 12.7636**.




A 20% lighter version of the original color is **28.7972, 28.5272, 24.7574**, and **3.3067, 3.0609, 2.0856** is the 20% darker color. If you saturate the color by 10%, you get **10.8936, 10.1590, 6.9846**, and if you desaturate by 10%, it is **12.9798, 13.0049, 11.7690**.

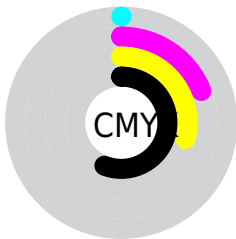
Distribution







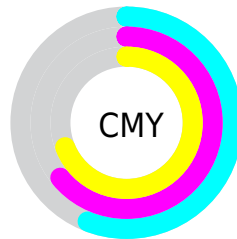
-  Red (44%)
-  Green (36%)
-  Blue (31%)






-  Red (44%)
-  Yellow (38%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (29%)
-  Black (56%)



-  Cyan (56%)
-  Magenta (64%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8711, 11.5061, 9.1846 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 11.8711, 11.5061, 9.1846 by changing the saturation by 10% instead.

■ 11.8711, 11.5061,
9.1846

■ 11.8711, 11.5061,
9.1846

197.3375,
201.1075, 195.0176

■ 6.7275, 6.4083,
4.7633

■ 28.8790, 28.5923,
24.8335

■ 3.3371, 3.0949,
2.0528

■ 41.4741, 41.3495,
36.8981

■ 1.3344, 1.1815,
0.5874

■ 57.2837, 57.4287,
52.3477

■ 0.2088, 0.0465,
0.0000

■ 76.6732, 77.2142,
71.6007

■ 0.0000, 0.0000,
0.0000

■ 100.0080,
101.0905, 95.0756

127.6534,

129.4418, 123.1910

159.9748,
162.6527, 156.3655

■ 11.8711, 11.5061,
9.1846

■ 11.8711, 11.5061,
9.1846

■ 10.8936, 10.1590,
6.9846

■ 12.9798, 13.0049,
11.7690

■ 10.0412, 8.9572,
5.1496

■ 14.2235, 14.6586,
14.7545

■ 9.3086, 7.8960,
3.6598

■ 15.6073, 16.4720,
18.1574

■ 8.6898, 6.9699,
2.4931

■ 17.1356, 18.4494,
21.9932

■ 8.1782, 6.1731,
1.6247

■ 18.8124, 20.5950,
26.2764

■ 7.7663, 5.4991,
1.0262

■ 20.6418, 22.9127,
31.0209

■ 7.4349, 4.9363,
0.6069

■ 22.6277, 25.4062,
36.2400

■ 7.3916, 4.8638,
0.5492

■ 24.7737, 28.0793,
41.9464

■ 27.0834, 30.9355,
48.1524

Harmonies

Analogous

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



12.4324, 11.5061, 10.7248



11.8711, 11.5061, 9.1846



11.0794, 11.5061, 8.5438

Triad

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



11.8711, 11.5061, 9.1846



9.4383, 11.5061, 12.1244



11.6123, 11.5061, 17.0956

Complementary

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



11.8711, 11.5061, 9.1846



10.8863, 12.1822, 17.1068

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.



10.7943, 11.5061, 17.5912



11.8711, 11.5061, 9.1846



9.5652, 11.5061, 14.5232

Square

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



11.8711, 11.5061, 9.1846



9.6961, 11.5061, 10.0999



10.0517, 11.5061, 16.5983



12.2778, 11.5061, 15.3175

Rectangle

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



11.8711, 11.5061, 9.1846



10.5374, 11.5061, 8.6464



10.0517, 11.5061, 16.5983



11.3449, 11.5061, 17.4264

Sweetspot

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



11.8714, 11.5066, 9.1848



24.8346, 25.5499, 25.5489



11.9161, 10.1283, 13.7246



5.9025, 6.0538, 5.9832



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.8714, 11.5066, 9.1848



19.7435, 18.6880, 13.6162



13.3530, 14.4699, 9.6787



3.4696, 3.5717, 3.5799



8.5251, 5.5827, 0.6282



41.7336, 26.3425, 2.8850

Inverse Universe

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



10.8863, 12.1822, 17.1068



17.7204, 20.0701, 29.8697



9.5078, 9.4250, 16.6473



3.3831, 3.6314, 4.2768



6.1512, 6.8927, 18.7278



29.8161, 32.6841, 93.0163

Previews

White Background



This preview shows how the XYZ color 11.8711, 11.5061, 9.1846 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 11.8711, 11.5061, 9.1846 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 11.8711, 11.5061, 9.1846

Background



This preview shows how black text looks on a background with the XYZ color 11.8711, 11.5061, 9.1846.

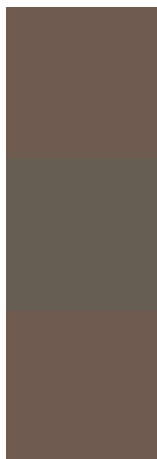


This preview shows how white text looks on a background with the XYZ color 11.8711, 11.5061,

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

11.8711, 11.5061, 9.1846

Protanopia

10.8707, 11.5029, 9.6300

Deuteranopia

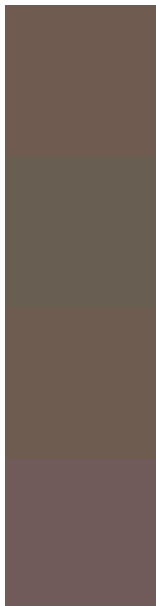
11.7055, 11.5485, 9.2015



Tritanopia

12.6231, 11.5667, 12.6336

Trichromacy



Original Color

11.8711, 11.5061, 9.1846

Protanomaly

11.1968, 11.5425, 9.4224

Deuteranomaly

11.8307, 11.6130, 9.2074

Tritanomaly

12.3117, 11.5612, 11.2555

Monochromacy



Original Color

11.8711, 11.5061, 9.1846

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3277, 11.5684, 11.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8711, 11.5061, 9.1846 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, 91, 80)` looks like.

```
.text, #text, p{  
    color:rgb(112, 91, 80)  
}
```

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, 91, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 91, 80) }
```

Border

The CSS property to change the border of an element to XYZ 11.8711, 11.5061, 9.1846 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, 91, 80) }
```


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

```
.border{ border-color:rgb(112, 91, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 91, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 91, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 91, 80);  
box-shadow:4px 4px 4px 4px rgb(112, 91,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8711, 11.5061, 9.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 91, 80) }
```

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

```
.background{ background-color: rgb(112, 91,  
80) }
```

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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