

Converting Colors

XYZ(11.3850, 10.3525, 11.5662)

Have a look what the booklet for
XYZ(11.3850, 10.3525, 11.5662)
contains.

XYZ(11.4088, 10.3646, 11.5245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4088, 10.3646,
11.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	6D545C
RGB	109, 84, 92
RGB Percent	43%, 33%, 36%
CMY	0.5725, 0.6706, 0.6392
CMYK	0.00, 0.23, 0.16, 0.57
HSL	341°, 13%, 38%
HSV	341°, 23%, 43%
XYZ	11.4088, 10.3646, 11.5245
YIQ	92.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

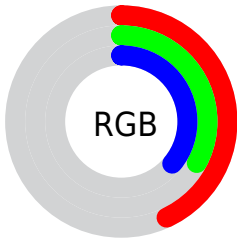
Format	Color
R _Y B	109, 84, 92
Decimal	7165020
CIE Lab	38.49, 11.78, -0.66
CIE LCh	38, 11.796, 356.797
Yxy	10.3646, 0.3426, 0.3113
Android (android.graphics.Color)	4285355100 (0xFF6D545C)
YUV	92.3870, -0.1908, 14.5696
Hunter-Lab	32.1941, 6.9164, 1.3119

Details

The XYZ color **11.4088, 10.3646, 11.5245** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4742, 13.7620, 14.3642**, and the grayscale version is **10.2607, 10.7951, 11.7558**.

A 20% lighter version of the original color is **28.1055, 26.5803, 29.2404**, and **3.1431, 2.6404, 2.9288** is the 20% darker color. If you saturate the color by 10%, you get **10.3194, 8.6792, 9.6401**, and if you desaturate by 10%, it is **12.6622, 12.3270, 13.6202**.

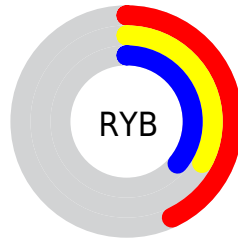
Distribution



Red (43%)

Green (33%)

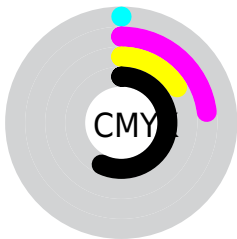
Blue (36%)



Red (43%)

Yellow (33%)

Blue (36%)

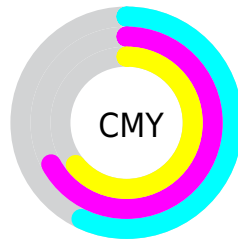


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (57%)



Cyan (57%)

Magenta (67%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4088, 10.3646, 11.5245 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 11.4088, 10.3646, 11.5245 by changing the saturation by 10% instead.

■ 11.4088, 10.3646,
11.5245

■ 11.4088, 10.3646,
11.5245

194.3020,
193.2548, 212.0964

■ 6.4118, 5.6414,
6.3022

■ 28.0400, 26.4791,
29.2774

■ 3.1401, 2.6283,
2.9580

■ 40.4049, 38.6391,
42.6451

■ 1.2283, 0.9409,
1.0732

■ 55.9564, 54.0468,
59.5650

■ 0.1285, 0.0000,
0.0000

■ 75.0601, 73.0866,
80.4556

■ 0.0000, 0.0000,
0.0000

■ 98.0811, 96.1429,
105.7355

125.3848,

123.6001, 135.8232

157.3367,
155.8427, 171.1374

■ 11.4088, 10.3646,
11.5245

■ 11.4088, 10.3646,
11.5245

■ 10.3194, 8.6792,
9.6401

■ 12.6622, 12.3270,
13.6202

■ 9.3862, 7.2569,
7.9597

■ 14.0852, 14.5766,
15.9332

■ 8.6019, 6.0846,
6.4762

■ 15.6844, 17.1251,
18.4697

■ 7.9583, 5.1478,
5.1821

■ 17.4655, 19.9828,
21.2358

■ 7.4466, 4.4301,
4.0692

■ 19.4343, 23.1596,
24.2372

■ 7.0567, 3.9131,
3.1285

■ 21.5960, 26.6651,
27.4792

■ 6.7753, 3.5724,
2.3499

■ 23.9558, 30.5084,
30.9674

■ 6.6082, 3.3718,
1.8828

■ 26.5186, 34.6982,
34.7067

■ 29.2892, 39.2428,
38.7022

Harmonies

Analogous

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



11.1461, 10.3646, 13.7769



11.4088, 10.3646, 11.5245



11.2364, 10.3646, 9.4753

Triad

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



11.4088, 10.3646, 11.5245



9.1971, 10.3646, 7.9002



9.0606, 10.3646, 15.2290

Complementary

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



11.4088, 10.3646, 11.5245



11.4742, 13.7620, 14.3642

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.



8.5848, 10.3646, 13.3123



11.4088, 10.3646, 11.5245



8.6607, 10.3646, 9.1138

Square

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



11.4088, 10.3646, 11.5245



9.9344, 10.3646, 7.5508



8.4423, 10.3646, 11.0494



9.7685, 10.3646, 16.0840

Rectangle

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



11.4088, 10.3646, 11.5245



10.9027, 10.3646, 8.4616



8.4423, 10.3646, 11.0494



8.8696, 10.3646, 14.6762

Sweetspot

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



11.4091, 10.3651, 11.5247



24.0979, 24.3209, 26.7177



11.2606, 10.1928, 15.8421



5.5867, 5.6263, 6.1832



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.4091, 10.3651, 11.5247



19.2547, 16.7376, 18.6197



11.4107, 10.8986, 9.8903



3.1360, 3.1313, 3.4464



7.7188, 3.9396, 2.1478



38.9732, 19.9312, 9.0614

Inverse Universe

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



11.4091, 10.3651, 11.5247



19.2547, 16.7376, 18.6197



11.4515, 13.0585, 16.3851



3.1360, 3.1313, 3.4464



7.7188, 3.9396, 2.1478



38.9732, 19.9312, 9.0614

Previews

White Background



This preview shows how the XYZ color 11.4088, 10.3646, 11.5245 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 11.4088, 10.3646, 11.5245 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 11.4088, 10.3646, 11.5245

Background



This preview shows how black text looks on a background with the XYZ color 11.4088, 10.3646, 11.5245.



This preview shows how white text looks on a background with the XYZ color 11.4088, 10.3646,

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

11.4088, 10.3646, 11.5245

Protanopia

10.0819, 10.3810, 12.5387

Deuteranopia

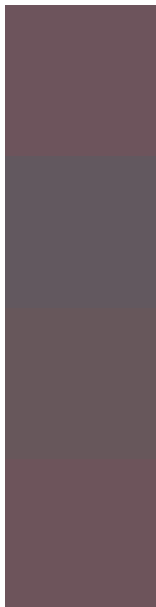
10.5236, 10.3874, 11.3478



Tritanopia

11.3653, 10.3472, 11.2957

Trichromacy



Original Color

11.4088, 10.3646, 11.5245

Protanomaly

10.5923, 10.4023, 12.2761

Deuteranomaly

10.8900, 10.4553, 11.3416

Tritanomaly

11.3653, 10.3472, 11.2957

Monochromacy



Original Color

11.4088, 10.3646, 11.5245

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.5411, 10.5141, 11.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4088, 10.3646, 11.5245 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, 84, 92)` looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 92)  
}
```

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, 84, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.4088, 10.3646, 11.5245 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, 84, 92) }
```


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

```
.border{ border-color:rgb(109, 84, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 84, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 92);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4088, 10.3646, 11.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 84, 92) }
```

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

```
.background{ background-color: rgb(109, 84,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor