

Converting Colors

XYZ(11.1702, 13.9089, 7.8914)

Have a look what the booklet for
XYZ(11.1702, 13.9089, 7.8914)
contains.

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Color

**XYZ(11.1956, 13.9212,
7.8913)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E46
RGB	93, 110, 70
RGB Percent	36%, 43%, 27%
CMY	0.6353, 0.5686, 0.7255
CMYK	0.15, 0.00, 0.36, 0.57
HSL	86°, 22%, 35%
HSV	86°, 36%, 43%
XYZ	11.1956, 13.9212, 7.8913
YIQ	100.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

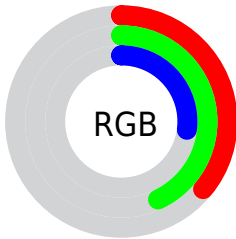
Format	Color
RYB	70, 110, 87
Decimal	6123078
CIELab	44.12, -14.04, 20.27
CIElCh	44, 24.656, 124.708
Yxy	13.9212, 0.3392, 0.4218
Android (android.graphics.Color)	4284313158 (0xFF5D6E46)
YUV	100.3570, -14.9660, -6.4521
Hunter-Lab	37.3111, -11.7336, 13.5780

Details

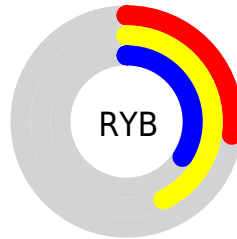
The XYZ color **11.1956, 13.9212, 7.8913** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.9357, 7.5327, 15.7356**, and the grayscale version is **12.2413, 12.8788, 14.0250**.

A 20% lighter version of the original color is **27.7517, 33.1019, 22.3794**, and **3.0358, 4.1007, 1.6088** is the 20% darker color. If you saturate the color by 10%, you get **10.4209, 13.5588, 6.2056**, and if you desaturate by 10%, it is **12.0635, 14.3252, 9.9140**.

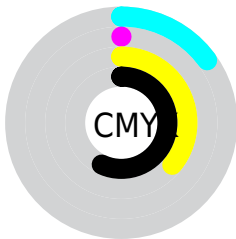
Distribution



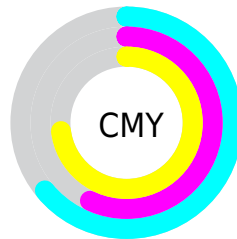
- Red (36%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (34%)



- Cyan (15%)
- Magenta (0%)
- Yellow (36%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1956, 13.9212, 7.8913 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 11.1956, 13.9212, 7.8913 by changing the saturation by 10% instead.

■ 11.1956, 13.9212,
7.8913

■ 11.1956, 13.9212,
7.8913

192.8853,
216.7401, 184.7796

■ 6.2668, 8.0659,
3.9387

■ 27.6511, 32.9491,
22.2877

■ 3.0502, 4.1371,
1.5918

■ 39.9084, 46.8906,
33.5686

■ 1.1804, 1.7506,
0.2849

■ 55.3394, 64.2961,
48.1293

■ 0.0908, 0.4561,
0.0000

■ 74.3093, 85.5502,
66.3885

■ 0.0000, 0.0000,
0.0000

■ 97.1835, 111.0373,
88.7645

124.3273,

141.1417, 115.6760

156.1061,
176.2478, 147.5415

■ 11.1956, 13.9212,
7.8913

■ 11.1956, 13.9212,
7.8913

■ 10.4209, 13.5588,
6.2056

■ 12.0635, 14.3252,
9.9140

■ 9.7345, 13.2345,
4.8378

■ 13.0275, 14.7705,
12.2899

■ 9.1324, 12.9471,
3.7680

■ 14.0911, 15.2592,
15.0351

■ 8.6097, 12.6947,
2.9738

■ 15.2579, 15.7927,
18.1643

■ 8.1610, 12.4750,
2.4297

■ 16.5309, 16.3721,
21.6917

■ 7.7746, 12.2832,
2.0760

■ 17.9130, 16.9989,
25.6305

■ 7.6419, 12.2173,
1.9554

■ 19.4073, 17.6742,
29.9935

■ 21.0162, 18.3991,
34.7929

■ 22.7426, 19.1747,
40.0402

Harmonies

Analogous

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



12.9241, 13.9212, 6.7314



11.1956, 13.9212, 7.8913



10.1022, 13.9212, 10.9903

Triad

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



11.1956, 13.9212, 7.8913



11.6828, 13.9212, 27.1915



17.3640, 13.9212, 14.2873

Complementary

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



11.1956, 13.9212, 7.8913



8.9357, 7.5327, 15.7356

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.



16.9486, 13.9212, 20.2646



11.1956, 13.9212, 7.8913



13.5441, 13.9212, 28.6953

Square

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



11.1956, 13.9212, 7.8913



10.3634, 13.9212, 22.1884



15.5008, 13.9212, 25.9018



16.5857, 13.9212, 9.7955

Rectangle

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



11.1956, 13.9212, 7.8913



9.8160, 13.9212, 14.1819



15.5008, 13.9212, 25.9018



17.3599, 13.9212, 16.1776

Sweetspot

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



11.1960, 13.9218, 7.8916



23.8026, 26.3642, 23.9444



10.9177, 10.5202, 7.2497



5.4975, 6.1161, 5.4652



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.



11.1960, 13.9218, 7.8916



18.4541, 23.8830, 11.2205



9.4548, 13.0242, 7.8101



3.5115, 3.8490, 3.6312



9.1462, 14.6587, 2.3474



44.5601, 72.5056, 11.6464

Inverse Universe

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



8.9357, 7.5327, 15.7356



13.8334, 10.8154, 27.2657



11.0285, 8.6116, 15.8336



3.3395, 3.3633, 4.2274



4.7434, 2.0547, 17.8682



22.6842, 9.7485, 88.9652

Previews

White Background



This preview shows how the XYZ color 11.1956, 13.9212, 7.8913 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 11.1956, 13.9212, 7.8913 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 11.1956, 13.9212, 7.8913

Background



This preview shows how black text looks on a background with the XYZ color 11.1956, 13.9212, 7.8913.



This preview shows how white text looks on a background with the XYZ color 11.1956, 13.9212,

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

11.1956, 13.9212, 7.8913

Protanopia

12.8038, 13.8287, 7.4632

Deuteranopia

14.0391, 13.8673, 8.0676



Tritanopia

13.1778, 13.9481, 17.6205

Trichromacy



Original Color

11.1956, 13.9212, 7.8913

Protanomaly

12.1721, 13.8019, 7.6527

Deuteranomaly

12.8977, 13.8663, 7.9579

Tritanomaly

12.3451, 13.9198, 13.3454

Monochromacy



Original Color

11.1956, 13.9212, 7.8913

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6833, 13.1633, 11.3762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1956, 13.9212, 7.8913 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(93, 110, 70) looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 70)  
}
```

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(93, 110, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 70) }
```

Border

The CSS property to change the border of an element to XYZ 11.1956, 13.9212, 7.8913 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(93, 110, 70) }
```


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

```
.border{ border-color:rgb(93, 110, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 70);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1956, 13.9212, 7.8913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 70) }
```

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

```
.background{ background-color: rgb(93, 110,  
70) }
```

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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