

Converting Colors

XYZ(11.5034, 13.8286, 12.1691)

Have a look what the booklet for
XYZ(11.5034, 13.8286, 12.1691)
contains.

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Color

**XYZ(11.5202, 13.8338,
12.1882)**

Conversions

Conversions Part 1

Format	Color
Hex	596D5C
RGB	89, 109, 92
RGB Percent	35%, 43%, 36%
CMY	0.6510, 0.5725, 0.6392
CMYK	0.18, 0.00, 0.16, 0.57
HSL	129°, 10%, 39%
HSV	129°, 18%, 43%
XYZ	11.5202, 13.8338, 12.1882
YIQ	101.0820, -6.4630, -9.5270

Conversions

Conversions Part 2

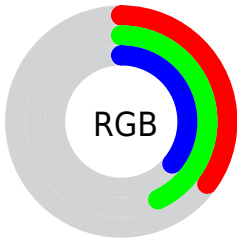
Format	Color
R_{YB}	89, 106, 109
Decimal	5860700
CIE Lab	43.99, -11.15, 7.05
CIE LCh	44, 13.191, 147.696
Yxy	13.8338, 0.3069, 0.3685
Android (android.graphics.Color)	4284050780 (0xFF596D5C)
YUV	101.0820, -4.4774, -10.5959
Hunter-Lab	37.1938, -9.8016, 6.6067

Details

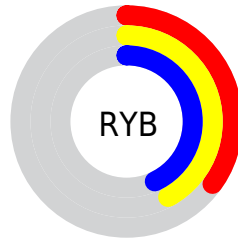
The XYZ color **11.5202, 13.8338, 12.1882** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4810, 11.4369, 15.1860**, and the grayscale version is **12.4035, 13.0494, 14.2108**.

A 20% lighter version of the original color is **28.2748, 32.9317, 30.4574**, and **3.1581, 4.0483, 3.1997** is the 20% darker color. If you saturate the color by 10%, you get **10.1701, 13.1822, 10.1386**, and if you desaturate by 10%, it is **13.0755, 14.5863, 14.5067**.

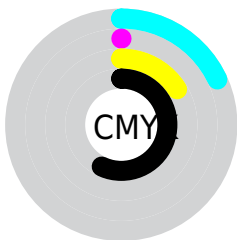
Distribution



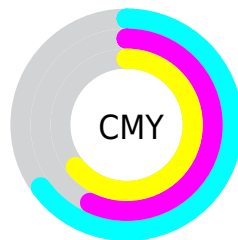
- Red (35%)
- Green (43%)
- Blue (36%)



- Red (35%)
- Yellow (42%)
- Blue (43%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5202, 13.8338, 12.1882 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 11.5202, 13.8338, 12.1882 by changing the saturation by 10% instead.

■ 11.5202, 13.8338,
12.1882

■ 11.5202, 13.8338,
12.1882

195.0380,
216.1944, 216.6692

■ 6.4877, 8.0052,
6.7479

■ 28.2427, 32.7938,
30.5069

■ 3.1873, 4.0983,
3.2289

■ 40.6634, 46.6940,
44.2224

■ 1.2536, 1.7287,
1.2127

■ 56.2776, 64.0535,
61.5334

■ 0.1481, 0.4421,
0.0000

■ 75.4506, 85.2567,
82.8584

■ 0.0000, 0.0000,
0.0000

■ 98.5478, 110.6880,
108.6159

125.9345,

140.7318, 139.2245

157.9761,
175.7725, 175.1028

■ 11.5202, 13.8338,
12.1882

■ 11.5202, 13.8338,
12.1882

■ 10.1701, 13.1822,
10.1386

■ 13.0755, 14.5863,
14.5067

■ 9.0156, 12.6255,
8.3472

■ 14.8429, 15.4418,
17.1022

■ 8.0479, 12.1597,
6.8040

■ 16.8305, 16.4047,
19.9840

■ 7.2569, 11.7800,
5.4982

■ 19.0455, 17.4786,
23.1603

■ 6.6319, 11.4811,
4.4178

■ 21.4948, 18.6668,
26.6392

■ 6.1609, 11.2570,
3.5502

■ 24.1850, 19.9726,
30.4284

■ 5.8300, 11.1009,
2.8811

■ 27.1225, 21.3990,
34.5354

■ 5.5996, 10.9927,
2.3938

■ 30.3134, 22.9492,
38.9673

■ 5.5651, 10.9763,
2.3294

■ 33.7636, 24.6260,
43.7312

Harmonies

Analogous

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



12.2354, 13.8338, 10.5148



11.5202, 13.8338, 12.1882



11.2389, 13.8338, 14.8322

Triad

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



11.5202, 13.8338, 12.1882



13.0679, 13.8338, 21.5854



15.0119, 13.8338, 12.5400

Complementary

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



11.5202, 13.8338, 12.1882



12.4810, 11.4369, 15.1860

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.



15.2633, 13.8338, 15.2955



11.5202, 13.8338, 12.1882



14.1061, 13.8338, 20.7627

Square

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



11.5202, 13.8338, 12.1882



12.1024, 13.8338, 20.4771



14.9237, 13.8338, 18.3569



14.2535, 13.8338, 10.6982

Rectangle

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



11.5202, 13.8338, 12.1882



11.3234, 13.8338, 16.8830



14.9237, 13.8338, 18.3569



15.1602, 13.8338, 13.3781

Sweetspot

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



11.5206, 13.8344, 12.1885



24.0707, 26.4362, 26.9471



13.2559, 14.7438, 11.5985



5.5704, 6.1369, 6.2250



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.



11.5206, 13.8344, 12.1885



19.5544, 24.2526, 20.2030



11.9706, 14.0144, 14.5585



3.0808, 3.4515, 3.4094



6.5022, 12.8350, 2.6897



32.9215, 65.3157, 12.5993

Inverse Universe

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



12.4810, 11.4369, 15.1860



21.6133, 19.1122, 26.6279



12.0062, 11.2469, 12.6853



3.1990, 3.1565, 3.7784



9.6625, 4.7171, 12.3831



48.9815, 23.9345, 61.7646

Previews

White Background



This preview shows how the XYZ color 11.5202, 13.8338, 12.1882 looks on a white background.

Color Contrast Check

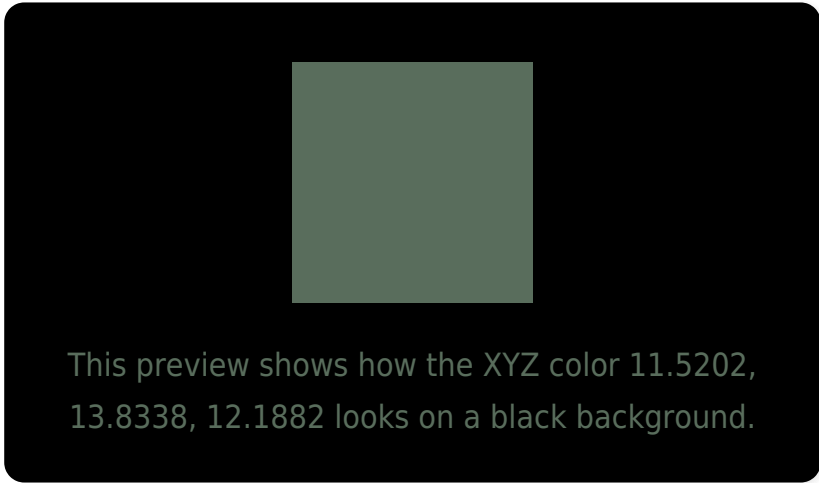
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.5202, 13.8338, 12.1882

Background



This preview shows how black text looks on a background with the XYZ color 11.5202, 13.8338, 12.1882.

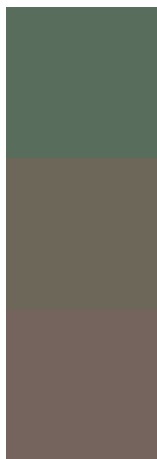


This preview shows how white text looks on a background with the XYZ color 11.5202, 13.8338,

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

11.5202, 13.8338, 12.1882

Protanopia

12.9601, 13.6730, 11.4073

Deuteranopia

13.9137, 13.7044, 12.5016



Tritanopia

12.7055, 13.8501, 17.9233

Trichromacy



Original Color

11.5202, 13.8338, 12.1882

Protanomaly

12.3765, 13.6661, 11.6584

Deuteranomaly

12.8894, 13.6166, 12.3048

Tritanomaly

12.2728, 13.8313, 15.6585

Monochromacy



Original Color

11.5202, 13.8338, 12.1882

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0847, 13.3239, 13.4901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5202, 13.8338, 12.1882 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(89, 109, 92) looks like.

```
.text, #text, p{  
    color:rgb(89, 109, 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(89, 109, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 109, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.5202, 13.8338, 12.1882 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(89, 109, 92) }
```


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

```
.border{ border-color:rgb(89, 109, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 109, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 109, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 109, 92);  
box-shadow:4px 4px 4px 4px rgb(89, 109,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5202, 13.8338, 12.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 109, 92) }
```

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

```
.background{ background-color: rgb(89, 109,  
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](#).

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