

Converting Colors

XYZ(11.9717, 13.8382, 13.7874)

Have a look what the booklet for
XYZ(11.9717, 13.8382, 13.7874)
contains.

XYZ(12.0283, 13.9013, 13.8536)	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(12.0283, 13.9013,
13.8536)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6C63
RGB	92, 108, 99
RGB Percent	36%, 42%, 39%
CMY	0.6392, 0.5765, 0.6118
CMYK	0.15, 0.00, 0.08, 0.58
HSL	146°, 8%, 39%
HSV	146°, 15%, 42%
XYZ	12.0283, 13.9013, 13.8536
YIQ	102.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

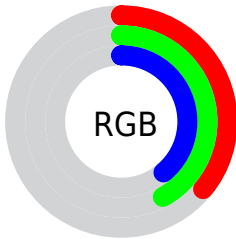
Format	Color
R_{YB}	92, 103, 108
Decimal	6057059
CIE Lab	44.09, -7.98, 3.01
CIE LCh	44, 8.533, 159.322
Yxy	13.9013, 0.3023, 0.3494
Android (android.graphics.Color)	4284247139 (0xFF5C6C63)
YUV	102.1900, -1.5727, -8.9366
Hunter-Lab	37.2844, -7.6621, 4.0690

Details

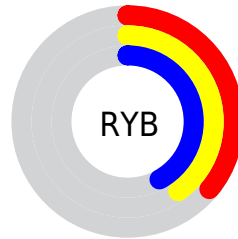
The XYZ color **12.0283, 13.9013, 13.8536** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3609, 11.7823, 13.9353**, and the grayscale version is **12.6845, 13.3451, 14.5328**.

A 20% lighter version of the original color is **29.0585, 32.7491, 33.6438**, and **3.4381, 4.1754, 3.9929** is the 20% darker color. If you saturate the color by 10%, you get **10.7458, 13.2729, 12.3341**, and if you desaturate by 10%, it is **13.4873, 14.6190, 15.4961**.

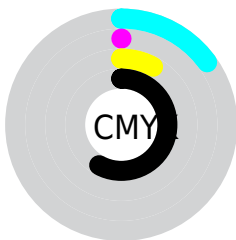
Distribution



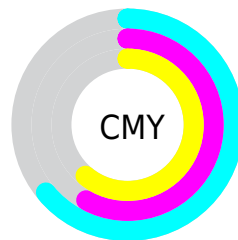
- Red (36%)
- Green (42%)
- Blue (39%)



- Red (36%)
- Yellow (40%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0283, 13.9013, 13.8536 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 12.0283, 13.9013, 13.8536 by changing the saturation by 10% instead.

■ 12.0283, 13.9013,
13.8536

■ 12.0283, 13.9013,
13.8536

198.3586,
216.6159, 227.7148

■ 6.8353, 8.0520,
7.8813

■ 29.1630, 32.9138,
33.5424

■ 3.4047, 4.1283,
3.9324

■ 41.8355, 46.8458,
48.0960

■ 1.3712, 1.7456,
1.5883

■ 57.7318, 64.2409,
66.3472

■ 0.2356, 0.4529,
0.2825

■ 77.2173, 85.4835,
88.7144

■ 0.0000, 0.0000,
0.0000

100.6574,
110.9578, 115.6163

128.4174,

141.0484, 147.4712

160.8627,
176.1397, 184.6979

■ 12.0283, 13.9013,
13.8536

■ 12.0283, 13.9013,
13.8536

■ 10.7458, 13.2729,
12.3341

■ 13.4873, 14.6190,
15.4961

■ 9.6317, 12.7284,
10.9338

■ 15.1281, 15.4274,
17.2633

■ 8.6790, 12.2646,
9.6501

■ 16.9574, 16.3304,
19.1582

■ 7.8795, 11.8776,
8.4799

■ 18.9811, 17.3310,
21.1834

■ 7.2246, 11.5627,
7.4200

■ 21.2049, 18.4319,
23.3413

■ 6.7047, 11.3153,
6.4672

■ 23.6341, 19.6360,
25.6343

■ 6.3088, 11.1295,
5.6178

■ 26.2740, 20.9458,
28.0648

■ 6.0172, 10.9955,
4.8678

■ 29.1296, 22.3640,
30.6351

■ 5.8809, 10.9329,
4.5157

■ 32.2057, 23.8930,
33.3473

Harmonies

Analogous

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



12.4024, 13.9013, 12.4234



12.0283, 13.9013, 13.8536



11.9656, 13.9013, 15.7501

Triad

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



12.0283, 13.9013, 13.8536



13.4254, 13.9013, 19.1347



14.2489, 13.9013, 12.8878

Complementary

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



12.0283, 13.9013, 13.8536



12.3609, 11.7823, 13.9353

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.



14.5437, 13.9013, 14.5384



12.0283, 13.9013, 13.8536



14.0577, 13.9013, 18.2175

Square

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



12.0283, 13.9013, 13.8536



12.7570, 13.9013, 18.9117



14.4726, 13.9013, 16.4955



13.6793, 13.9013, 11.8999

Rectangle

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



12.0283, 13.9013, 13.8536



12.1066, 13.9013, 17.0425



14.4726, 13.9013, 16.4955



14.3843, 13.9013, 13.3775

Sweetspot

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



12.0287, 13.9019, 13.8539



23.8706, 25.7592, 27.4162



12.6691, 14.2691, 12.2118



5.7372, 6.2149, 6.5914



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.



12.0287, 13.9019, 13.8539



20.2546, 23.9821, 23.3166



12.4270, 14.0612, 15.9513



3.1139, 3.4647, 3.5834



7.0008, 13.0344, 5.3152



35.2504, 66.2473, 24.8635

Inverse Universe

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



12.3609, 11.7823, 13.9353



20.9649, 19.4503, 23.4902



11.9906, 11.6342, 11.9852



3.1644, 3.1426, 3.5958



8.3595, 4.1959, 5.5215



42.1530, 21.2031, 25.8062

Previews

White Background



This preview shows how the XYZ color 12.0283, 13.9013, 13.8536 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 12.0283, 13.9013, 13.8536 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

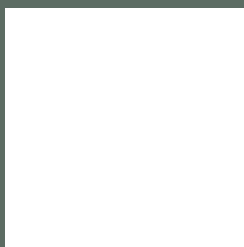
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.0283, 13.9013, 13.8536

Background



This preview shows how black text looks on a background with the XYZ color 12.0283, 13.9013, 13.8536.



This preview shows how white text looks on a background with the XYZ color 12.0283, 13.9013,

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

12.0283, 13.9013, 13.8536

Protanopia

13.2923, 13.9518, 13.3017

Deuteranopia

14.0729, 13.8918, 14.2516



Tritanopia

12.9106, 13.9559, 17.9329

Trichromacy



Original Color

12.0283, 13.9013, 13.8536

Protanomaly

12.7357, 13.8098, 13.5496

Deuteranomaly

13.3140, 13.9465, 14.0468

Tritanomaly

12.6341, 13.9992, 16.5042

Monochromacy



Original Color

12.0283, 13.9013, 13.8536

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.3363, 13.4369, 14.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0283, 13.9013, 13.8536 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(92, 108, 99) looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 99)  
}
```

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(92, 108, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 99) }
```

Border

The CSS property to change the border of an element to XYZ 12.0283, 13.9013, 13.8536 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(92, 108, 99) }
```


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

```
.border{ border-color:rgb(92, 108, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 108, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 99);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0283, 13.9013, 13.8536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 99) }
```

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

```
.background{ background-color: rgb(92, 108,  
99) }
```

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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