

Converting Colors

XYZ(11.8182, 11.7043, 10.6544)

Have a look what the booklet for
XYZ(11.8182, 11.7043, 10.6544)
contains.

XYZ(11.8190, 11.7050, 10.6532)	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(11.8190, 11.7050,
10.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5D57
RGB	108, 93, 87
RGB Percent	42%, 36%, 34%
CMY	0.5765, 0.6353, 0.6588
CMYK	0.00, 0.14, 0.19, 0.58
HSL	17°, 11%, 38%
HSV	17°, 19%, 42%
XYZ	11.8190, 11.7050, 10.6532
YIQ	96.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

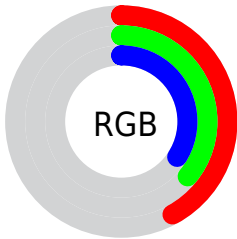
Format	Color
R_{YB}	108, 95, 87
Decimal	7101783
CIE Lab	40.74, 4.98, 5.67
CIE LCh	41, 7.551, 48.720
Yxy	11.7050, 0.3458, 0.3425
Android (android.graphics.Color)	4285291863 (0xFF6C5D57)
YUV	96.8010, -4.8319, 9.8215
Hunter-Lab	34.2126, 1.7922, 5.4869

Details

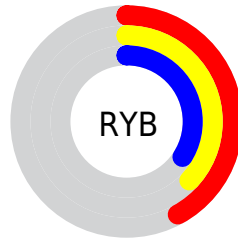
The XYZ color **11.8190, 11.7050, 10.6532** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3885, 12.6113, 16.0214**, and the grayscale version is **11.3233, 11.9130, 12.9733**.

A 20% lighter version of the original color is **28.8350, 28.9246, 27.7302**, and **3.2979, 3.1609, 2.6268** is the 20% darker color. If you saturate the color by 10%, you get **10.7672, 10.2555, 8.2862**, and if you desaturate by 10%, it is **13.0057, 13.3186, 13.3913**.

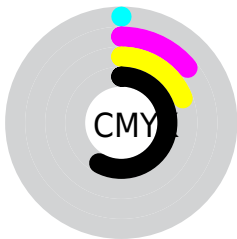
Distribution



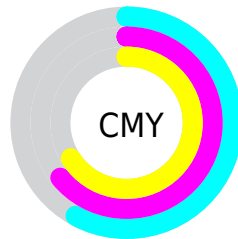
- Red (42%)
- Green (36%)
- Blue (34%)



- Red (42%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8190, 11.7050, 10.6532 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 11.8190, 11.7050, 10.6532 by changing the saturation by 10% instead.

■ 11.8190, 11.7050,
10.6532

■ 11.8190, 11.7050,
10.6532

196.9978,
202.4424, 205.9239

■ 6.6919, 6.5431,
5.7229

■ 28.7847, 28.9567,
27.6438

■ 3.3148, 3.1781,
2.6113

■ 41.3541, 41.8153,
40.5413

■ 1.3223, 1.2254,
0.8983

■ 57.1348, 58.0082,
56.9316

■ 0.1998, 0.0823,
0.0000

■ 76.4924, 77.9200,
77.2332

■ 0.0000, 0.0000,
0.0000

■ 99.7921, 101.9349,
101.8647

127.3994,

130.4373, 131.2446

159.6795,
163.8117, 165.7915

■ 11.8190, 11.7050,
10.6532

■ 11.8190, 11.7050,
10.6532

■ 10.7672, 10.2555,
8.2862

■ 13.0057, 13.3186,
13.3913

■ 9.8446, 8.9633,
6.2733

■ 14.3312, 15.0996,
16.5148

■ 9.0461, 7.8235,
4.5978

■ 15.8001, 17.0533,
20.0381

■ 8.3661, 6.8302,
3.2407

■ 17.4167, 19.1843,
23.9749

■ 7.7985, 5.9772,
2.1816

■ 19.1850, 21.4970,
28.3378

■ 7.3367, 5.2579,
1.3974

■ 21.1090, 23.9955,
33.1394

■ 6.9730, 4.6651,
0.8618

■ 23.1924, 26.6839,
38.3913

■ 6.6855, 4.1851,
0.4727

■ 25.4388, 29.5663,
44.1050

■ 6.6710, 4.1613,
0.4516

■ 27.8517, 32.6464,
50.2914

Harmonies

Analogous

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



12.1300, 11.7050, 11.8209



11.8190, 11.7050, 10.6532



11.3280, 11.7050, 10.0642

Triad

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



11.8190, 11.7050, 10.6532



10.1450, 11.7050, 12.1762



11.4592, 11.7050, 15.7490

Complementary

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



11.8190, 11.7050, 10.6532



11.3885, 12.6113, 16.0214

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.



10.9249, 11.7050, 15.8634



11.8190, 11.7050, 10.6532



10.1776, 11.7050, 13.7155

Square

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



11.8190, 11.7050, 10.6532



10.3687, 11.7050, 10.8953



10.4592, 11.7050, 15.0936



11.9177, 11.7050, 14.7925

Rectangle

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



11.8190, 11.7050, 10.6532



10.9698, 11.7050, 10.0447



10.4592, 11.7050, 15.0936



11.2822, 11.7050, 15.8899

Sweetspot

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



11.8193, 11.7055, 10.6534



23.5693, 24.3753, 25.2333



11.9934, 10.9650, 14.0678



5.6801, 5.8667, 6.0496



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.



11.8193, 11.7055, 10.6534



19.9499, 19.4519, 16.8884



12.7999, 13.6666, 10.9803



3.1637, 3.2447, 3.2770



7.9351, 4.9200, 0.5314



39.7748, 23.7532, 2.4885

Inverse Universe

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



11.3885, 12.6113, 16.0214



19.0558, 21.3291, 28.0203



10.4257, 10.6857, 15.7005



3.1123, 3.3530, 3.9180



6.3812, 7.5968, 18.0522



31.7476, 37.1738, 91.7282

Previews

White Background



This preview shows how the XYZ color 11.8190, 11.7050, 10.6532 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 11.8190, 11.7050, 10.6532 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 11.8190, 11.7050, 10.6532

Background



This preview shows how black text looks on a background with the XYZ color 11.8190, 11.7050, 10.6532.



This preview shows how white text looks on a background with the XYZ color 11.8190, 11.7050,

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

11.8190, 11.7050, 10.6532

Protanopia

11.1999, 11.7796, 10.9159

Deuteranopia

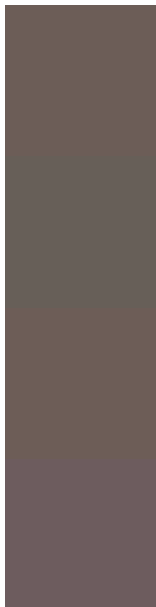
11.9413, 11.7680, 10.6589



Tritanopia

12.2524, 11.6152, 13.1515

Trichromacy



Original Color

11.8190, 11.7050, 10.6532

Protanomaly

11.4472, 11.7726, 10.9015

Deuteranomaly

11.9413, 11.7680, 10.6589

Tritanomaly

12.1542, 11.7137, 12.2100

Monochromacy



Original Color

11.8190, 11.7050, 10.6532

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5255, 11.9228, 12.0498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8190, 11.7050, 10.6532 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(108, 93, 87)` looks like.

```
.text, #text, p{  
    color:rgb(108, 93, 87)  
}
```

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(108, 93, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 93, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.8190, 11.7050, 10.6532 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(108, 93, 87) }
```


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

```
.border{ border-color:rgb(108, 93, 87) }
```

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

Here you see how a box with a 4 pixel rgb(108, 93, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 93, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 93, 87);  
box-shadow:4px 4px 4px 4px rgb(108, 93,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8190, 11.7050, 10.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 93, 87) }
```

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

```
.background{ background-color: rgb(108, 93,  
87) }
```

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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