

Converting Colors

XYZ(11.1553, 11.1522, 6.2382)

Have a look what the booklet for
XYZ(11.1553, 11.1522, 6.2382)
contains.

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Color

**XYZ(11.1938, 11.2206,
6.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5B3F
RGB	111, 91, 63
RGB Percent	44%, 36%, 25%
CMY	0.5647, 0.6431, 0.7529
CMYK	0.00, 0.18, 0.43, 0.56
HSL	35°, 28%, 34%
HSV	35°, 43%, 44%
XYZ	11.1938, 11.2206, 6.2784
YIQ	93.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

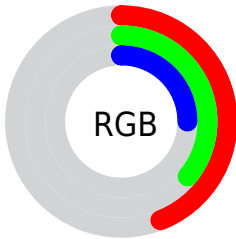
Format	Color
RYB	97, 111, 63
Decimal	7297855
CIELab	39.95, 3.92, 19.20
CIELCh	40, 19.595, 78.451
Yxy	11.2206, 0.3901, 0.3911
Android (android.graphics.Color)	4285487935 (0xFF6F5B3F)
YUV	93.7880, -15.1785, 15.0949
Hunter-Lab	33.4972, 1.0296, 12.3352

Details

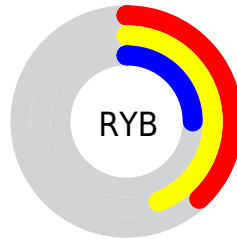
The XYZ color **11.1938, 11.2206, 6.2784** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0122, 8.3905, 16.2360**, and the grayscale version is **10.6207, 11.1738, 12.1683**.

A 20% lighter version of the original color is **27.7040, 28.0900, 19.0007**, and **3.0513, 2.9514, 1.0707** is the 20% darker color. If you saturate the color by 10%, you get **10.5312, 10.3428, 4.6784**, and if you desaturate by 10%, it is **11.9439, 12.1732, 8.2165**.

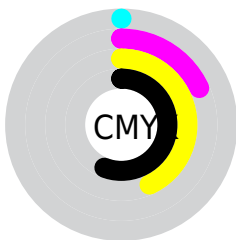
Distribution



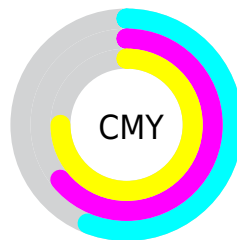
- Red (44%)
- Green (36%)
- Blue (25%)



- Red (38%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1938, 11.2206, 6.2784 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 11.1938, 11.2206, 6.2784 by changing the saturation by 10% instead.

■ 11.1938, 11.2206,
6.2784

■ 11.1938, 11.2206,
6.2784

192.8733,
199.1748, 170.9221

■ 6.2656, 6.2154,
2.9436

■ 27.6478, 28.0674,
18.9936

■ 3.0494, 2.9765,
1.0659

■ 39.9042, 40.6778,
29.2111

■ 1.1800, 1.1195,
0.0000

■ 55.3342, 56.5920,
42.5599

■ 0.0905, 0.0000,
0.0000

■ 74.3029, 76.1945,
59.4585

■ 0.0000, 0.0000,
0.0000

■ 97.1759, 99.8696,
80.3255

■ 124.3183,

128.0018, 105.5794

156.0957,
160.9754, 135.6388

■ 11.1938, 11.2206,
6.2784

■ 11.1938, 11.2206,
6.2784

■ 10.5312, 10.3428,
4.6784

■ 11.9439, 12.1732,
8.2165

■ 9.9511, 9.5359,
3.3958

■ 12.7845, 13.2013,
10.5104

■ 9.4491, 8.7978,
2.4085

■ 13.7196, 14.3074,
13.1775

■ 9.0199, 8.1257,
1.6914

■ 14.7526, 15.4937,
16.2337

■ 8.6566, 7.5160,
1.2099

■ 15.8867, 16.7621,
19.6940

■ 8.4319, 7.1323,
0.9323

■ 17.1249, 18.1143,
23.5725

■ 18.4702, 19.5522,
27.8830

■ 19.9254, 21.0774,
32.6382

■ 21.4931, 22.6917,
37.8506

Harmonies

Analogous

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



12.4836, 11.2206, 7.4496



11.1938, 11.2206, 6.2784



9.8631, 11.2206, 6.4284

Triad

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



11.1938, 11.2206, 6.2784



8.3841, 11.2206, 14.7284



12.7311, 11.2206, 17.8504

Complementary

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



11.1938, 11.2206, 6.2784



8.0122, 8.3905, 16.2360

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.



11.5089, 11.2206, 20.7278



11.1938, 11.2206, 6.2784



9.0319, 11.2206, 18.6791

Square

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



11.1938, 11.2206, 6.2784



8.3153, 11.2206, 10.7866



10.1528, 11.2206, 21.0596



13.4199, 11.2206, 13.7693

Rectangle

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



11.1938, 11.2206, 6.2784



9.1286, 11.2206, 7.2652



10.1528, 11.2206, 21.0596



12.3644, 11.2206, 19.0245

Sweetspot

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



11.1941, 11.2211, 6.2786



24.5479, 25.5973, 23.5397



9.8944, 7.5591, 9.1212



5.8223, 6.0618, 5.4376



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.1941, 11.2211, 6.2786



18.8389, 18.4946, 8.3329



12.6449, 14.8534, 6.9033



3.5310, 3.6945, 3.6003



9.9102, 8.3528, 1.0899



48.5010, 39.8771, 5.1408

Inverse Universe

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



8.0122, 8.3905, 16.2360



12.3254, 12.7056, 28.7326



6.9615, 5.8961, 15.8099



3.3212, 3.5076, 4.2562



4.5186, 3.6275, 18.1836



21.6972, 16.4463, 90.3100

Previews

White Background



This preview shows how the XYZ color 11.1938, 11.2206, 6.2784 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 11.1938, 11.2206, 6.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

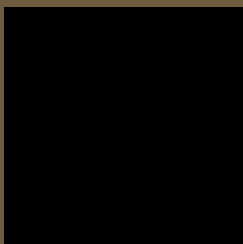
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1938, 11.2206, 6.2784

Background



This preview shows how black text looks on a background with the XYZ color 11.1938, 11.2206, 6.2784.



This preview shows how white text looks on a background with the XYZ color 11.1938, 11.2206,

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

11.1938, 11.2206, 6.2784

Protanopia

10.4076, 11.2004, 6.4638

Deuteranopia

11.3634, 11.1819, 6.2620



Tritanopia

12.3680, 11.2019, 12.1000

Trichromacy



Original Color

11.1938, 11.2206, 6.2784

Protanomaly

10.6655, 11.2021, 6.4506

Deuteranomaly

11.2355, 11.1160, 6.2560

Tritanomaly

11.8611, 11.1147, 9.7038

Monochromacy



Original Color

11.1938, 11.2206, 6.2784

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7312, 11.1626, 9.7726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1938, 11.2206, 6.2784 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(111, 91, 63)` looks like.

```
.text, #text, p{  
    color:rgb(111, 91, 63)  
}
```

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(111, 91, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 91, 63) }
```

Border

The CSS property to change the border of an element to XYZ 11.1938, 11.2206, 6.2784 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(111, 91, 63) }
```


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

```
.border{ border-color:rgb(111, 91, 63) }
```

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

Here you see how a box with a 4 pixel rgb(111, 91, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 91, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 91, 63);  
box-shadow:4px 4px 4px 4px rgb(111, 91,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1938, 11.2206, 6.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 91, 63) }
```

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

```
.background{ background-color: rgb(111, 91,  
63) }
```

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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