

Converting Colors

XYZ(11.1683, 13.0208, 5.7955)

Have a look what the booklet for
XYZ(11.1683, 13.0208, 5.7955)
contains.

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Color

**XYZ(11.1683, 13.0208,
5.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	666839
RGB	102, 104, 57
RGB Percent	40%, 41%, 22%
CMY	0.6000, 0.5921, 0.7765
CMYK	0.02, 0.00, 0.45, 0.59
HSL	63°, 29%, 32%
HSV	63°, 45%, 41%
XYZ	11.1683, 13.0208, 5.7955
YIQ	98.0440, 13.8950, -15.0410

Conversions

Conversions Part 2

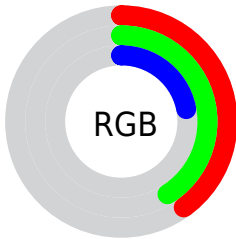
Format	Color
RYB	57, 104, 59
Decimal	6711353
CIELab	42.79, -8.53, 26.14
CIElCh	43, 27.493, 108.067
Yxy	13.0208, 0.3725, 0.4342
Android (android.graphics.Color)	4284901433 (0xFF666839)
YUV	98.0440, -20.2347, 3.4694
Hunter-Lab	36.0843, -7.9009, 15.7365

Details

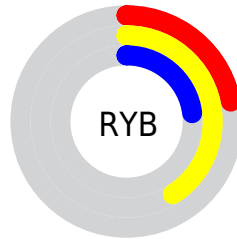
The XYZ color **11.1683, 13.0208, 5.7955** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.7659, 4.8558, 13.7308**, and the grayscale version is **11.6670, 12.2746, 13.3670**.

A 20% lighter version of the original color is **27.5976, 31.3326, 17.9579**, and **3.0508, 3.7371, 0.9084** is the 20% darker color. If you saturate the color by 10%, you get **10.8850, 12.9022, 4.5640**, and if you desaturate by 10%, it is **11.5056, 13.1620, 7.3077**.

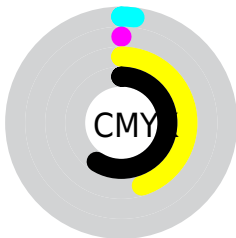
Distribution



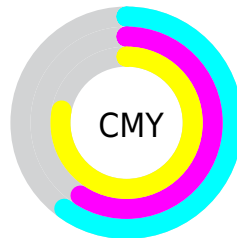
- Red (40%)
- Green (41%)
- Blue (22%)



- Red (22%)
- Yellow (41%)
- Blue (23%)



- Cyan (2%)
- Magenta (0%)
- Yellow (45%)
- Black (59%)



- Cyan (60%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1683, 13.0208, 5.7955 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 11.1683, 13.0208, 5.7955 by changing the saturation by 10% instead.

■ 11.1683, 13.0208,
5.7955

■ 11.1683, 13.0208,
5.7955

192.7031,
211.0509, 166.4741

■ 6.2483, 7.4429,
2.6544

■ 27.6012, 31.3411,
17.9752

■ 3.0387, 3.7406,
0.9203

■ 39.8447, 44.8524,
27.8509

■ 1.1743, 1.5295,
0.0000

■ 55.2602, 61.7768,
40.8085

■ 0.0859, 0.3094,
0.0000

■ 74.2128, 82.4988,
57.2665

■ 0.0000, 0.0000,
0.0000

■ 97.0681, 107.4028,
77.6436

■ 124.1914,

136.8733, 102.3581

155.9479,
171.2945, 131.8288

■ 11.1683, 13.0208,
5.7955

■ 11.1683, 13.0208,
5.7955

■ 10.8850, 12.9022,
4.5640

■ 11.5056, 13.1620,
7.3077

■ 10.6516, 12.8031,
3.5950

■ 11.8991, 13.3253,
9.1154

■ 10.4648, 12.7226,
2.8698

■ 12.3518, 13.5122,
11.2336

■ 10.3204, 12.6591,
2.3665

■ 12.8663, 13.7239,
13.6758

■ 10.2096, 12.6092,
2.0393

■ 13.4451, 13.9614,
16.4549

■ 10.1588, 12.5861,
1.8939

■ 14.0904, 14.2255,
19.5830

■ 14.8044, 14.5171,
23.0717

■ 15.5892, 14.8371,
26.9318

■ 16.4469, 15.1862,
31.1741

Harmonies

Analogous

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



13.2275, 13.0208, 5.6213



11.1683, 13.0208, 5.7955



9.6148, 13.0208, 7.7816

Triad

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



11.1683, 13.0208, 5.7955



9.8747, 13.0208, 24.6067



16.7497, 13.0208, 16.6988

Complementary

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



11.1683, 13.0208, 5.7955



5.7659, 4.8558, 13.7308

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.



15.6206, 13.0208, 23.3675



11.1683, 13.0208, 5.7955



11.5616, 13.0208, 28.7231

Square

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



11.1683, 13.0208, 5.7955



8.9280, 13.0208, 18.0642



13.6675, 13.0208, 28.2146



16.6136, 13.0208, 10.8925

Rectangle

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



11.1683, 13.0208, 5.7955



9.0030, 13.0208, 10.2905



13.6675, 13.0208, 28.2146



16.5007, 13.0208, 18.9373

Sweetspot

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



11.1686, 13.0214, 5.7958



21.7370, 23.7327, 20.0281



7.9896, 6.3223, 4.6703



5.2695, 5.7763, 4.7272



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.1686, 13.0214, 5.7958



19.0810, 22.6282, 7.9438



8.9082, 11.8561, 5.6900



3.0293, 3.2623, 3.0445



12.5152, 15.5105, 2.3342



65.0814, 80.7967, 12.1652

Inverse Universe

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



5.7659, 4.8558, 13.7308



8.3141, 6.3505, 23.7647



7.4477, 5.7228, 13.8095



2.7026, 2.7688, 3.5239



3.1414, 1.2636, 16.2227



16.1938, 6.4925, 84.6011

Previews

White Background



This preview shows how the XYZ color 11.1683, 13.0208, 5.7955 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 11.1683, 13.0208, 5.7955 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 11.1683, 13.0208, 5.7955

Background



This preview shows how black text looks on a background with the XYZ color 11.1683, 13.0208, 5.7955.



This preview shows how white text looks on a background with the XYZ color 11.1683, 13.0208,

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

11.1683, 13.0208, 5.7955

Protanopia

11.9230, 12.9724, 5.6169

Deuteranopia

13.1407, 12.8925, 5.9336



Tritanopia

13.0326, 12.9018, 15.4391

Trichromacy



Original Color

11.1683, 13.0208, 5.7955

Protanomaly

11.6495, 12.9764, 5.6321

Deuteranomaly

12.2958, 12.8740, 5.8399

Tritanomaly

12.1443, 12.8222, 11.0674

Monochromacy



Original Color

11.1683, 13.0208, 5.7955

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2641, 12.3915, 9.9817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1683, 13.0208, 5.7955 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(102, 104, 57)` looks like.

```
.text, #text, p{  
    color:rgb(102, 104, 57)  
}
```

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(102, 104, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 104, 57) }
```

Border

The CSS property to change the border of an element to XYZ 11.1683, 13.0208, 5.7955 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(102, 104, 57) }
```


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

```
.border{ border-color:rgb(102, 104, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 104, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 104, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 104, 57);  
box-shadow:4px 4px 4px 4px rgb(102, 104,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1683, 13.0208, 5.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 104, 57) }
```

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

```
.background{ background-color: rgb(102,  
104, 57) }
```

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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