

Converting Colors

XYZ(11.8256, 13.7551, 5.5217)

Have a look what the booklet for
XYZ(11.8256, 13.7551, 5.5217)
contains.

XYZ(11.8674, 13.8459, 5.5371)	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(11.8674, 13.8459,
5.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6B36
RGB	106, 107, 54
RGB Percent	42%, 42%, 21%
CMY	0.5843, 0.5804, 0.7882
CMYK	0.01, 0.00, 0.50, 0.58
HSL	61°, 33%, 32%
HSV	61°, 50%, 42%
XYZ	11.8674, 13.8459, 5.5371
YIQ	100.6590, 16.4170, -16.6950

Conversions

Conversions Part 2

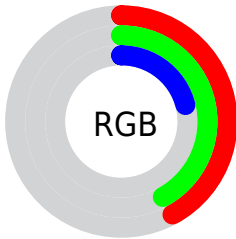
Format	Color
RYB	54, 107, 55
Decimal	6974262
CIELab	44.01, -8.76, 29.37
CIELCh	44, 30.649, 106.614
Yxy	13.8459, 0.3798, 0.4431
Android (android.graphics.Color)	4285164342 (0xFF6A6B36)
YUV	100.6590, -23.0029, 4.6841
Hunter-Lab	37.2101, -8.1887, 17.2243

Details

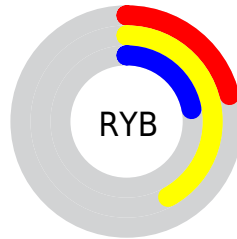
The XYZ color **11.8674, 13.8459, 5.5371** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.5491, 4.5125, 14.4893**, and the grayscale version is **12.3364, 12.9789, 14.1340**.

A 20% lighter version of the original color is **28.9232, 32.7840, 17.3739**, and **3.3470, 4.1191, 0.8484** is the 20% darker color. If you saturate the color by 10%, you get **11.6194, 13.7444, 4.3551**, and if you desaturate by 10%, it is **12.1715, 13.9708, 7.0110**.

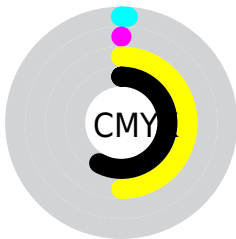
Distribution



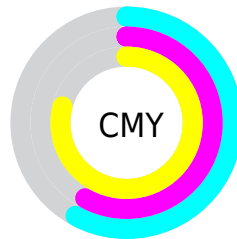
- Red (42%)
- Green (42%)
- Blue (21%)



- Red (21%)
- Yellow (42%)
- Blue (22%)



- Cyan (1%)
- Magenta (0%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8674, 13.8459, 5.5371 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 11.8674, 13.8459, 5.5371 by changing the saturation by 10% instead.

■ 11.8674, 13.8459,
5.5371

■ 11.8674, 13.8459,
5.5371

■ 197.3134,
216.2700, 164.0257

■ 6.7250, 8.0136,
2.5015

■ 28.8723, 32.8154,
17.4230

■ 3.3355, 4.1036,
0.8410

■ 41.4656, 46.7213,
27.1105

■ 1.3336, 1.7317,
0.0000

■ 57.2731, 64.0871,
39.8523

■ 0.2081, 0.4441,
0.0000

■ 76.6604, 85.2974,
56.0670

■ 0.0000, 0.0000,
0.0000

■ 99.9927, 110.7364,
76.1731

■ 127.6354,

140.7886, 100.5893

159.9538,
175.8384, 129.7339

■ 11.8674, 13.8459,
5.5371

■ 11.8674, 13.8459,
5.5371

■ 11.6194, 13.7444,
4.3551

■ 12.1715, 13.9708,
7.0110

■ 11.4228, 13.6630,
3.4449

■ 12.5339, 14.1186,
8.7936

■ 11.2737, 13.6006,
2.7850

■ 12.9582, 14.2911,
10.9013

■ 11.1676, 13.5554,
2.3506

■ 13.4471, 14.4894,
13.3491

■ 11.0849, 13.5196,
2.0397

■ 14.0033, 14.7148,
16.1513

■ 11.0811, 13.5179,
2.0252

■ 14.6294, 14.9680,
19.3211

■ 15.3278, 15.2502,
22.8711

■ 16.1007, 15.5622,
26.8134

■ 16.9504, 15.9049,
31.1594

Harmonies

Analogous

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



14.2731, 13.8459, 5.4375



11.8674, 13.8459, 5.5371



10.0448, 13.8459, 7.6186

Triad

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



11.8674, 13.8459, 5.5371



10.2012, 13.8459, 27.0586



18.2557, 13.8459, 18.3951

Complementary

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



11.8674, 13.8459, 5.5371



5.5491, 4.5125, 14.4893

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.



16.8609, 13.8459, 26.2783



11.8674, 13.8459, 5.5371



12.1065, 13.8459, 32.2259

Square

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



11.8674, 13.8459, 5.5371



9.1671, 13.8459, 19.2400



14.5434, 13.8459, 31.9029



18.1710, 13.8459, 11.5606

Rectangle

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



11.8674, 13.8459, 5.5371



9.3165, 13.8459, 10.3588



14.5434, 13.8459, 31.9029



17.9377, 13.8459, 21.0434

Sweetspot

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



11.8677, 13.8465, 5.5374



23.5475, 25.7289, 21.2448



8.0904, 6.1138, 4.2439



5.6665, 6.2141, 4.9773



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.



11.8677, 13.8465, 5.5374



20.7605, 24.5915, 7.5894



9.2001, 12.4713, 5.4125



3.3277, 3.5808, 3.3332



13.4770, 16.4428, 2.4635



68.5836, 83.7382, 12.5484

Inverse Universe

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



5.5491, 4.5125, 14.4893



8.0479, 5.8089, 25.6048



7.3997, 5.4665, 14.5759



2.9532, 3.0276, 3.8636



3.2564, 1.3058, 17.0027



16.5089, 6.6103, 86.6320

Previews

White Background



This preview shows how the XYZ color 11.8674, 13.8459, 5.5371 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 11.8674, 13.8459, 5.5371 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 11.8674, 13.8459, 5.5371

Background



This preview shows how black text looks on a background with the XYZ color 11.8674, 13.8459, 5.5371.



This preview shows how white text looks on a background with the XYZ color 11.8674, 13.8459,

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

11.8674, 13.8459, 5.5371

Protanopia

12.6631, 13.8025, 5.3649

Deuteranopia

13.9280, 13.7212, 5.6558



Tritanopia

14.0961, 13.8562, 16.3996

Trichromacy



Original Color

11.8674, 13.8459, 5.5371

Protanomaly

12.3763, 13.8049, 5.3805

Deuteranomaly

13.0487, 13.7005, 5.5712

Tritanomaly

13.0838, 13.7368, 11.4131

Monochromacy



Original Color

11.8674, 13.8459, 5.5371

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0440, 13.2242, 10.3052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8674, 13.8459, 5.5371 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(106, 107, 54)` looks like.

```
.text, #text, p{  
    color:rgb(106, 107, 54)  
}
```

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(106, 107, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 107, 54) }
```

Border

The CSS property to change the border of an element to XYZ 11.8674, 13.8459, 5.5371 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(106, 107, 54) }
```


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

```
.border{ border-color:rgb(106, 107, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 107, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 107, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 107, 54);  
box-shadow:4px 4px 4px 4px rgb(106, 107,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8674, 13.8459, 5.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 107, 54) }
```

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

```
.background{ background-color: rgb(106,  
107, 54) }
```

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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