

Converting Colors

XYZ(12.1276, 13.9709, 5.5093)

Have a look what the booklet for
XYZ(12.1276, 13.9709, 5.5093)
contains.

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Color

**XYZ(12.1079, 13.9699,
5.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6B36
RGB	108, 107, 54
RGB Percent	42%, 42%, 21%
CMY	0.5765, 0.5804, 0.7882
CMYK	0.00, 0.01, 0.50, 0.58
HSL	59°, 33%, 32%
HSV	59°, 50%, 42%
XYZ	12.1079, 13.9699, 5.5483
YIQ	101.2570, 17.6090, -16.2710

Conversions

Conversions Part 2

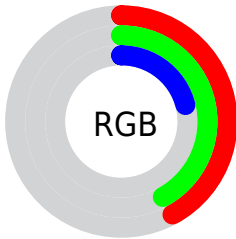
Format	Color
RYB	55, 108, 54
Decimal	7105334
CIELab	44.19, -7.86, 29.63
CIELCh	44, 30.652, 104.851
Yxy	13.9699, 0.3828, 0.4417
Android (android.graphics.Color)	4285295414 (0xFF6C6B36)
YUV	101.2570, -23.2977, 5.9136
Hunter-Lab	37.3763, -7.5843, 17.3622

Details

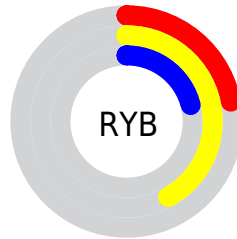
The XYZ color **12.1079, 13.9699, 5.5483** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.5942, 4.5992, 14.7802**, and the grayscale version is **12.4916, 13.1422, 14.3118**.

A 20% lighter version of the original color is **29.3231, 32.9901, 17.3926**, and **3.4633, 4.1791, 0.8538** is the 20% darker color. If you saturate the color by 10%, you get **11.8613, 13.8386, 4.3509**, and if you desaturate by 10%, it is **12.4115, 14.1252, 7.0432**.

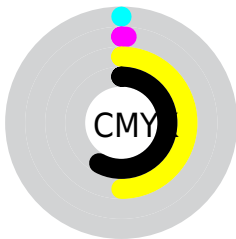
Distribution



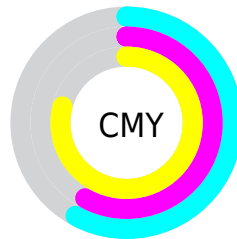
- Red (42%)
- Green (42%)
- Blue (21%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1079, 13.9699, 5.5483 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 12.1079, 13.9699, 5.5483 by changing the saturation by 10% instead.

■ 12.1079, 13.9699,
5.5483

■ 12.1079, 13.9699,
5.5483

198.8737,
217.0435, 164.1328

■ 6.8899, 8.0997,
2.5081

■ 29.3066, 33.0356,
17.4471

■ 3.4391, 4.1588,
0.8445

■ 42.0181, 46.9999,
27.1428

■ 1.3900, 1.7628,
0.0000

■ 57.9581, 64.4311,
39.8940

■ 0.2491, 0.4638,
0.0000

■ 77.4920, 85.7135,
56.1194

■ 0.0000, 0.0000,
0.0000

■ 100.9851,
111.2316, 76.2374

■ 128.8029,

141.3697, 100.6666

161.3106,
176.5122, 129.8256

■ 12.1079, 13.9699,
5.5483

■ 12.1079, 13.9699,
5.5483

■ 11.8613, 13.8386,
4.3509

■ 12.4115, 14.1252,
7.0432

■ 11.6671, 13.7277,
3.4301

■ 12.7747, 14.3038,
8.8526

■ 11.5212, 13.6363,
2.7639

■ 13.2009, 14.5077,
10.9936

■ 11.4189, 13.5624,
2.3266

■ 13.6929, 14.7381,
13.4815

■ 11.3390, 13.4975,
2.0077

■ 14.2537, 14.9960,
16.3309

■ 11.3390, 13.4975,
2.0077

■ 14.8858, 15.2825,
19.5555

■ 15.5916, 15.5986,
23.1681

■ 16.3734, 15.9451,
27.1811

■ 17.2336, 16.3231,
31.6062

Harmonies

Analogous

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



14.5462, 13.9699, 5.5576



12.1079, 13.9699, 5.5483



10.2277, 13.9699, 7.5167

Triad

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



12.1079, 13.9699, 5.5483



10.2132, 13.9699, 26.8343



18.3584, 13.9699, 19.0120

Complementary

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



12.1079, 13.9699, 5.5483



5.5942, 4.5992, 14.7802

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.



16.8814, 13.9699, 26.9068



12.1079, 13.9699, 5.5483



12.0857, 13.9699, 32.2824

Square

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



12.1079, 13.9699, 5.5483



9.2287, 13.9699, 18.9335



14.5211, 13.9699, 32.3124



18.3663, 13.9699, 12.0112

Rectangle

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



12.1079, 13.9699, 5.5483



9.4572, 13.9699, 10.1718



14.5211, 13.9699, 32.3124



18.0099, 13.9699, 21.6879

Sweetspot

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



12.1082, 13.9705, 5.5486



23.5578, 25.6500, 21.2291



8.2125, 6.1102, 4.4625



5.6693, 6.1931, 4.9731



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.



12.1082, 13.9705, 5.5486



20.7624, 24.2612, 7.3428



9.5781, 12.8214, 5.4601



3.3286, 3.5744, 3.3319



13.5226, 16.0950, 2.3939



68.8294, 81.8625, 12.1733

Inverse Universe

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



5.5942, 4.5992, 14.7802



7.8842, 5.7357, 25.5993



7.2672, 5.3920, 14.8451



2.9525, 3.0333, 3.8647



3.2521, 1.3384, 17.0092



16.5000, 6.6785, 86.6456

Previews

White Background



This preview shows how the XYZ color 12.1079, 13.9699, 5.5483 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 12.1079, 13.9699, 5.5483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

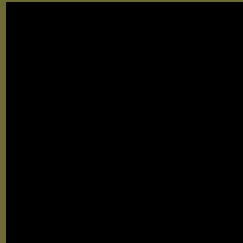
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.1079, 13.9699, 5.5483

Background



This preview shows how black text looks on a background with the XYZ color 12.1079, 13.9699, 5.5483.



This preview shows how white text looks on a background with the XYZ color 12.1079, 13.9699,

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

12.1079, 13.9699, 5.5483

Protanopia

12.7644, 14.0050, 5.3986

Deuteranopia

14.1731, 13.9891, 5.6945



Tritanopia

14.3534, 13.9889, 16.4116

Trichromacy



Original Color

12.1079, 13.9699, 5.5483

Protanomaly

12.4787, 14.0099, 5.4146

Deuteranomaly

13.4250, 14.0413, 5.6171

Tritanomaly

13.3355, 13.8665, 11.4248

Monochromacy



Original Color

12.1079, 13.9699, 5.5483

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1594, 13.2836, 10.3106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1079, 13.9699, 5.5483 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, 107, 54)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 107, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 107, 54) }
```

Border

The CSS property to change the border of an element to XYZ 12.1079, 13.9699, 5.5483 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, 107, 54) }
```


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

```
.border{ border-color:rgb(108, 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(108, 107, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 107, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 107, 54);  
box-shadow:4px 4px 4px 4px rgb(108, 107,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1079, 13.9699, 5.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 107, 54) }
```

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

```
.background{ background-color: rgb(108,  
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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