

Converting Colors

XYZ(10.8576, 10.7995, 5.6128)

Have a look what the booklet for
XYZ(10.8576, 10.7995, 5.6128)
contains.

XYZ(10.9173, 10.8400, 5.6546)	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(10.9173, 10.8400,
5.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	6F593B
RGB	111, 89, 59
RGB Percent	44%, 35%, 23%
CMY	0.5647, 0.6510, 0.7686
CMYK	0.00, 0.20, 0.47, 0.56
HSL	35°, 31%, 33%
HSV	35°, 47%, 44%
XYZ	10.9173, 10.8400, 5.6546
YIQ	92.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

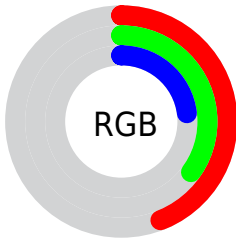
Format	Color
RYB	97, 111, 59
Decimal	7297339
CIELab	39.31, 4.65, 20.74
CIELCh	39, 21.257, 77.375
Yxy	10.8400, 0.3983, 0.3954
Android (android.graphics.Color)	4285487419 (0xFF6F593B)
YUV	92.1580, -16.3469, 16.5244
Hunter-Lab	32.9242, 1.5714, 12.8641

Details

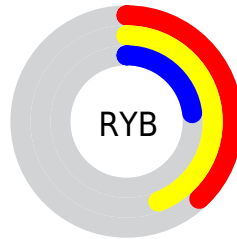
The XYZ color **10.9173, 10.8400, 5.6546** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.6152, 7.9620, 16.1743**, and the grayscale version is **10.2422, 10.7756, 11.7346**.

A 20% lighter version of the original color is **27.1963, 27.4193, 17.7690**, and **2.9187, 2.8309, 0.8828** is the 20% darker color. If you saturate the color by 10%, you get **10.2812, 9.9805, 4.1702**, and if you desaturate by 10%, it is **11.6401, 11.7748, 7.4703**.

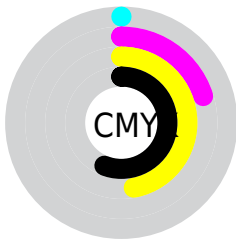
Distribution



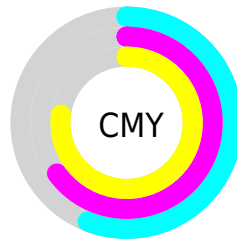
- Red (44%)
- Green (35%)
- Blue (23%)



- Red (38%)
- Yellow (44%)
- Blue (23%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9173, 10.8400, 5.6546 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 10.9173, 10.8400, 5.6546 by changing the saturation by 10% instead.

■ 10.9173, 10.8400,
5.6546

■ 10.9173, 10.8400,
5.6546

191.0193,
196.5665, 165.1453

■ 6.0781, 5.9593,
2.5708

■ 27.1414, 27.3639,
17.6748

■ 2.9338, 2.8204,
0.8773

■ 39.2571, 39.7760,
27.4483

■ 1.1188, 1.0387,
0.0000

■ 54.5290, 55.4673,
40.2888

■ 0.0408, 0.0000,
0.0000

■ 73.3225, 74.8223,
56.6149

■ 0.0000, 0.0000,
0.0000

■ 96.0029, 98.2253,
76.8450

■ 122.9356,

126.0607, 101.3977

154.4860,
158.7130, 130.6917

■ 10.9173, 10.8400,
5.6546

■ 10.9173, 10.8400,
5.6546

■ 10.2812, 9.9805,
4.1702

■ 11.6401, 11.7748,
7.4703

■ 9.7266, 9.1925,
2.9956

■ 12.4529, 12.7859,
9.6357

■ 9.2490, 8.4735,
2.1079

■ 13.3596, 13.8758,
12.1685

■ 8.8429, 7.8208,
1.4807

■ 14.3638, 15.0467,
15.0850

■ 8.4953, 7.2283,
1.0480

■ 15.4687, 16.3005,
18.4005

■ 8.3914, 7.0513,
0.9188

■ 16.6775, 17.6392,
22.1296

■ 17.9932, 19.0647,
26.2860

■ 19.4186, 20.5785,
30.8829

■ 20.9565, 22.1826,
35.9328

Harmonies

Analogous

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



12.2844, 10.8400, 6.8957



10.9173, 10.8400, 5.6546



9.5018, 10.8400, 5.7589

Triad

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



10.9173, 10.8400, 5.6546



7.8903, 10.8400, 14.3204



12.4670, 10.8400, 17.9956

Complementary

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



10.9173, 10.8400, 5.6546



7.6152, 7.9620, 16.1743

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.



11.1482, 10.8400, 21.0521



10.9173, 10.8400, 5.6546



8.5471, 10.8400, 18.6153

Square

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



10.9173, 10.8400, 5.6546



7.8409, 10.8400, 10.1604



9.7124, 10.8400, 21.3021



13.2333, 10.8400, 13.6135

Rectangle

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



10.9173, 10.8400, 5.6546



8.7190, 10.8400, 6.5760



9.7124, 10.8400, 21.3021



12.0683, 10.8400, 19.2522

Sweetspot

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



10.9176, 10.8405, 5.6548



24.3496, 25.3503, 23.0121



9.6248, 7.1096, 8.7549



5.7783, 6.0060, 5.3232



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.



10.9176, 10.8405, 5.6548



18.3384, 17.7721, 7.3075



12.6015, 14.8435, 6.3387



3.5293, 3.6912, 3.5998



9.8623, 8.2572, 1.0740



48.2611, 39.3973, 5.0608

Inverse Universe

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



7.6152, 7.9620, 16.1743



11.6532, 11.9515, 28.6225



6.4493, 5.3150, 15.7248



3.3228, 3.5109, 4.2568



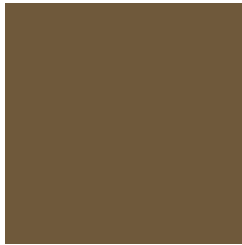
4.5518, 3.6939, 18.1947



21.8570, 16.7660, 90.3633

Previews

White Background



This preview shows how the XYZ color 10.9173, 10.8400, 5.6546 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 10.9173, 10.8400, 5.6546 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 10.9173, 10.8400, 5.6546

Background



This preview shows how black text looks on a background with the XYZ color 10.9173, 10.8400, 5.6546.



This preview shows how white text looks on a background with the XYZ color 10.9173, 10.8400,

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

10.9173, 10.8400, 5.6546

Protanopia

10.0968, 10.9216, 5.8509

Deuteranopia

11.0439, 10.9053, 5.6605



Tritanopia

12.0763, 10.8297, 11.3514

Trichromacy



Original Color

10.9173, 10.8400, 5.6546

Protanomaly

10.4685, 10.9838, 5.8433

Deuteranomaly

11.0439, 10.9053, 5.6605

Tritanomaly

11.5491, 10.7308, 8.8597

Monochromacy



Original Color

10.9173, 10.8400, 5.6546

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.3346, 10.7140, 9.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9173, 10.8400, 5.6546 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, 89, 59)` looks like.

```
.text, #text, p{  
    color:rgb(111, 89, 59)  
}
```

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, 89, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 89, 59) }
```

Border

The CSS property to change the border of an element to XYZ 10.9173, 10.8400, 5.6546 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, 89, 59) }
```


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

```
.border{ border-color:rgb(111, 89, 59) }
```

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

Here you see how a box with a 4 pixel rgb(111, 89, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 89, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 89, 59);  
box-shadow:4px 4px 4px 4px rgb(111, 89,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9173, 10.8400, 5.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 89, 59) }
```

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

```
.background{ background-color: rgb(111, 89,  
59) }
```

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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