

Converting Colors

XYZ(10.9211, 13.6054, 8.5291)

Have a look what the booklet for
XYZ(10.9211, 13.6054, 8.5291)
contains.

XYZ(10.9211, 13.6054, 8.5291)	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(10.9211, 13.6054,
8.5291)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6D4A
RGB	90, 109, 74
RGB Percent	35%, 43%, 29%
CMY	0.6471, 0.5725, 0.7098
CMYK	0.17, 0.00, 0.32, 0.57
HSL	93°, 19%, 36%
HSV	93°, 32%, 43%
XYZ	10.9211, 13.6054, 8.5291
YIQ	99.3290, -0.0890, -14.9130

Conversions

Conversions Part 2

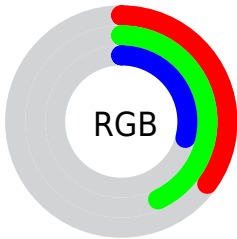
Format	Color
RYB	74, 109, 93
Decimal	5926218
CIELab	43.66, -14.08, 17.29
CIELCh	44, 22.301, 129.165
Yxy	13.6054, 0.3304, 0.4116
Android (android.graphics.Color)	4284116298 (0xFF5A6D4A)
YUV	99.3290, -12.4872, -8.1815
Hunter-Lab	36.8855, -11.6991, 12.1101

Details

The XYZ color **10.9211, 13.6054, 8.5291** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7240, 8.3293, 15.5641**, and the grayscale version is **11.9737, 12.5972, 13.7184**.

A 20% lighter version of the original color is **27.3045, 32.5825, 23.5888**, and **2.8993, 3.9448, 1.8369** is the 20% darker color. If you saturate the color by 10%, you get **10.0325, 13.1865, 6.7339**, and if you desaturate by 10%, it is **11.9200, 14.0746, 10.6623**.

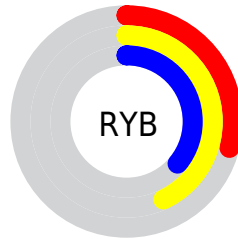
Distribution



Red (35%)

Green (43%)

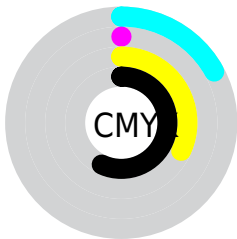
Blue (29%)



Red (29%)

Yellow (43%)

Blue (36%)

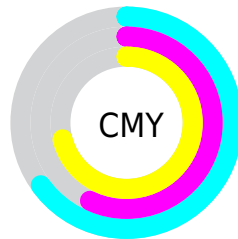


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9211, 13.6054, 8.5291 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 10.9211, 13.6054, 8.5291 by changing the saturation by 10% instead.

■ 10.9211, 13.6054,
8.5291

■ 10.9211, 13.6054,
8.5291

191.0449,
214.7620, 189.9119

■ 6.0807, 7.8467,
4.3427

■ 27.1484, 32.3872,
23.5524

■ 2.9353, 3.9970,
1.8152

■ 39.2661, 46.1791,
35.2264

■ 1.1197, 1.6719,
0.4379

■ 54.5402, 63.4176,
50.2334

■ 0.0415, 0.4054,
0.0000

■ 73.3361, 84.4870,
68.9920

■ 0.0000, 0.0000,
0.0000

■ 96.0191, 109.7718,
91.9205

122.9547,

139.6563, 119.4377

154.5082,
174.5249, 151.9620

■ 10.9211, 13.6054,
8.5291

■ 10.9211, 13.6054,
8.5291

■ 10.0325, 13.1865,
6.7339

■ 11.9200, 14.0746,
10.6623

■ 9.2486, 12.8143,
5.2585

■ 13.0321, 14.5940,
13.1486

■ 8.5653, 12.4873,
4.0843

■ 14.2616, 15.1659,
16.0036

■ 7.9773, 12.2034,
3.1903

■ 15.6122, 15.7919,
19.2413

■ 7.4791, 11.9601,
2.5531

■ 17.0874, 16.4735,
22.8751

■ 7.0639, 11.7547,
2.1435

■ 18.6905, 17.2121,
26.9180

■ 6.7756, 11.6115,
1.8841

■ 20.4247, 18.0091,
31.3820

■ 22.2930, 18.8658,
36.2790

■ 24.2985, 19.7836,
41.6201

Harmonies

Analogous

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



12.4031, 13.6054, 7.1927



10.9211, 13.6054, 8.5291



10.0353, 13.6054, 11.6445

Triad

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



10.9211, 13.6054, 8.5291



11.7715, 13.6054, 25.7665



16.5452, 13.6054, 13.3318

Complementary

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



10.9211, 13.6054, 8.5291



9.7240, 8.3293, 15.5641

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.



16.3374, 13.6054, 18.5119



10.9211, 13.6054, 8.5291



13.4748, 13.6054, 26.5068

Square

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



10.9211, 13.6054, 8.5291



10.4946, 13.6054, 21.7700



15.1747, 13.6054, 23.6101



15.7192, 13.6054, 9.5242

Rectangle

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



10.9211, 13.6054, 8.5291



9.8509, 13.6054, 14.6740



15.1747, 13.6054, 23.6101



16.5955, 13.6054, 14.9549

Sweetspot

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



10.9214, 13.6060, 8.5294



23.7223, 26.3120, 24.4304



11.4285, 11.5165, 8.0994



5.4688, 6.0989, 5.5670



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.



10.9214, 13.6060, 8.5294



18.2712, 23.7566, 12.6625



9.5689, 12.9041, 8.6732



3.1832, 3.5062, 3.3264



7.8970, 13.5663, 2.2023



39.2602, 68.6215, 11.1760

Inverse Universe

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



9.7240, 8.3293, 15.5641



15.7423, 12.6168, 27.5128



11.4540, 9.2284, 15.3193



3.0907, 3.0985, 3.8700



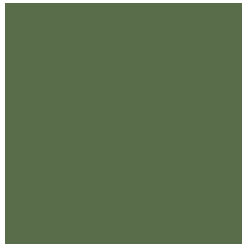
5.3225, 2.3709, 17.0994



26.1093, 11.5595, 87.0813

Previews

White Background



This preview shows how the XYZ color 10.9211, 13.6054, 8.5291 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 10.9211, 13.6054, 8.5291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

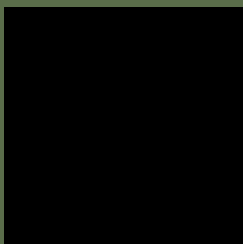
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9211, 13.6054, 8.5291

Background



This preview shows how black text looks on a background with the XYZ color 10.9211, 13.6054, 8.5291.



This preview shows how white text looks on a background with the XYZ color 10.9211, 13.6054,

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

10.9211, 13.6054, 8.5291

Protanopia

12.5431, 13.5349, 7.9126

Deuteranopia

13.7924, 13.5831, 8.7323



Tritanopia

12.6988, 13.5573, 17.2768

Trichromacy



Original Color

10.9211, 13.6054, 8.5291

Protanomaly

11.8148, 13.4546, 8.1052

Deuteranomaly

12.5507, 13.5235, 8.6054

Tritanomaly

11.9747, 13.5696, 13.5433

Monochromacy



Original Color

10.9211, 13.6054, 8.5291

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.5196, 12.9255, 11.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9211, 13.6054, 8.5291 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(90, 109, 74) looks like.

```
.text, #text, p{  
    color:rgb(90, 109, 74)  
}
```

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(90, 109, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 109, 74) }
```

Border

The CSS property to change the border of an element to XYZ 10.9211, 13.6054, 8.5291 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(90, 109, 74) }
```


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

```
.border{ border-color:rgb(90, 109, 74) }
```

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

Here you see how a box with a 4 pixel rgb(90, 109, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 109, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 109, 74);  
box-shadow:4px 4px 4px 4px rgb(90, 109,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9211, 13.6054, 8.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 109, 74) }
```

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

```
.background{ background-color: rgb(90, 109,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor