

Converting Colors

XYZ(14.0623, 18.3645, 14.0229)

Have a look what the booklet for
XYZ(14.0623, 18.3645, 14.0229)
contains.

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Color

**XYZ(14.1912, 18.5256,
14.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8061
RGB	91, 128, 97
RGB Percent	36%, 50%, 38%
CMY	0.6431, 0.4980, 0.6196
CMYK	0.29, 0.00, 0.24, 0.50
HSL	130°, 17%, 43%
HSV	130°, 29%, 50%
XYZ	14.1912, 18.5256, 14.1371
YIQ	113.4030, -12.1010, -17.4850

Conversions

Conversions Part 2

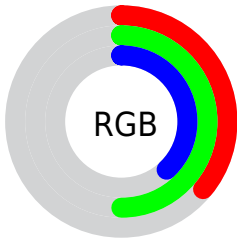
Format	Color
RYB	91, 123, 128
Decimal	5996641
CIELab	50.13, -19.78, 12.74
CIElCh	50, 23.525, 147.213
Yxy	18.5256, 0.3029, 0.3954
Android (android.graphics.Color)	4284186721 (0xFF5B8061)
YUV	113.4030, -8.0867, -19.6474
Hunter-Lab	43.0414, -16.4691, 10.6549

Details

The XYZ color **14.1912, 18.5256, 14.1371** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.1566, 13.4768, 20.1628**, and the grayscale version is **15.8421, 16.6671, 18.1505**.

A 20% lighter version of the original color is **33.0245, 40.9366, 34.1780**, and **4.3680, 6.3358, 4.0103** is the 20% darker color. If you saturate the color by 10%, you get **12.5687, 17.7436, 11.6251**, and if you desaturate by 10%, it is **16.0975, 19.4471, 17.0161**.

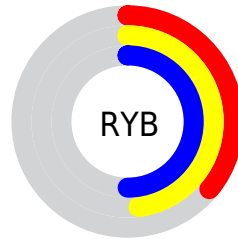
Distribution



Red (36%)

Green (50%)

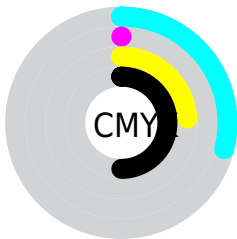
Blue (38%)



Red (36%)

Yellow (48%)

Blue (50%)

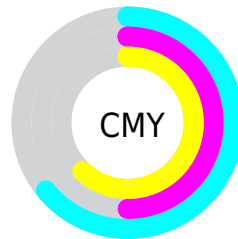


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1912, 18.5256, 14.1371 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 14.1912, 18.5256, 14.1371 by changing the saturation by 10% instead.

■ 14.1912, 18.5256,
14.1371

■ 14.1912, 18.5256,
14.1371

211.9040,
243.8171, 229.5401

■ 8.3364, 11.3280,
8.0762

■ 33.0113, 40.9309,
34.0527

■ 4.3645, 6.2879,
4.0553

■ 46.7073, 56.9074,
48.7446

■ 1.9104, 3.0209,
1.6557

■ 63.7478, 76.5790,
67.1505

■ 0.5828, 1.1427,
0.3301

■ 84.4980, 100.3301,
89.6890

■ 0.0000, 0.0141,
0.0000

109.3234,
128.5451, 116.7787

■ 0.0000, 0.0000,
0.0000

138.5893,

161.6083, 148.8381

172.6610,
199.9042, 186.2857

■ 14.1912, 18.5256,
14.1371

■ 14.1912, 18.5256,
14.1371

■ 12.5687, 17.7436,
11.6251

■ 16.0975, 19.4471,
17.0161

■ 11.2151, 17.0922,
9.4642

■ 18.2990, 20.5122,
20.2749

■ 10.1159, 16.5649,
7.6391

■ 20.8079, 21.7274,
23.9268

■ 9.2551, 16.1535,
6.1329

■ 23.6356, 23.0982,
27.9845

■ 8.6146, 15.8493,
4.9273

■ 26.7928, 24.6300,
32.4599

■ 8.1735, 15.6420,
4.0020

■ 30.2896, 26.3277,
37.3645

■ 7.8812, 15.5058,
3.3331

■ 34.1358, 28.1962,
42.7092

■ 7.8527, 15.4924,
3.2743

■ 38.3407, 30.2400,
48.5048

■ 42.9134, 32.4635,
54.7615

Harmonies

Analogous

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



15.6886, 18.5256, 10.9800



14.1912, 18.5256, 14.1371



13.6025, 18.5256, 19.5702

Triad

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



14.1912, 18.5256, 14.1371



17.3969, 18.5256, 35.3895



21.7768, 18.5256, 14.9831

Complementary

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



14.1912, 18.5256, 14.1371



16.1566, 13.4768, 20.1628

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.



22.3315, 18.5256, 20.7844



14.1912, 18.5256, 14.1371



19.6780, 18.5256, 33.4376

Square

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



14.1912, 18.5256, 14.1371



15.3511, 18.5256, 32.5944



21.5335, 18.5256, 27.7163



20.0760, 18.5256, 11.3898

Rectangle

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



14.1912, 18.5256, 14.1371



13.7632, 18.5256, 24.0964



21.5335, 18.5256, 27.7163



22.1095, 18.5256, 16.6973

Sweetspot

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



14.1917, 18.5264, 14.1375



32.0928, 36.0532, 35.5136



17.6982, 20.3652, 12.8956



7.3936, 8.3828, 8.1380



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.1917, 18.5264, 14.1375



22.9627, 31.6411, 21.7717



15.1315, 18.9023, 19.0864



4.3023, 4.8292, 4.7631



7.7865, 15.3612, 3.2485



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1566, 13.4768, 20.1628



27.0382, 21.1617, 34.2640



15.1399, 13.0701, 14.8085



4.4692, 4.4008, 5.2750



11.4716, 5.6083, 14.3389



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1912, 18.5256, 14.1371 looks on a white 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

Black Background



This preview shows how the XYZ color 14.1912, 18.5256, 14.1371 looks on a black 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

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

XYZ 14.1912, 18.5256, 14.1371

Background



This preview shows how black text looks on a background with the XYZ color 14.1912, 18.5256, 14.1371.



This preview shows how white text looks on a background with the XYZ color 14.1912, 18.5256,

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

14.1912, 18.5256, 14.1371

Protanopia

17.3250, 18.4960, 13.0129

Deuteranopia

18.6341, 18.2731, 14.6015



Tritanopia

16.3536, 18.4560, 24.8907

Trichromacy



Original Color

14.1912, 18.5256, 14.1371

Protanomaly

15.9193, 18.3046, 13.2838

Deuteranomaly

16.5947, 18.0876, 14.4210

Tritanomaly

15.4431, 18.4562, 20.5178

Monochromacy



Original Color

14.1912, 18.5256, 14.1371

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9580, 17.0217, 16.4071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1912, 18.5256, 14.1371 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(91, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(91, 128, 97)  
}
```

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(91, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 128, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.1912, 18.5256, 14.1371 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(91, 128, 97) }
```


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

```
.border{ border-color:rgb(91, 128, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 128, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(91, 128,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1912, 18.5256, 14.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 128, 97) }
```

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

```
.background{ background-color: rgb(91, 128,  
97) }
```

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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