

Converting Colors

XYZ(14.1823, 18.1000, 13.8668)

Have a look what the booklet for
XYZ(14.1823, 18.1000, 13.8668)
contains.

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Color

**XYZ(14.1883, 18.1459,
13.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7E60
RGB	94, 126, 96
RGB Percent	37%, 49%, 38%
CMY	0.6314, 0.5059, 0.6235
CMYK	0.25, 0.00, 0.24, 0.51
HSL	124°, 15%, 43%
HSV	124°, 25%, 49%
XYZ	14.1883, 18.1459, 13.8210
YIQ	113.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

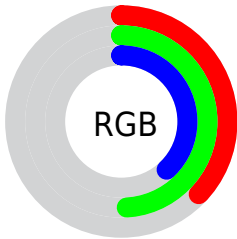
Format	Color
R_{YB}	94, 124, 126
Decimal	6192736
CIE Lab	49.67, -17.83, 12.72
CIE LCh	50, 21.903, 144.513
Yxy	18.1459, 0.3074, 0.3931
Android (android.graphics.Color)	4284382816 (0xFF5E7E60)
YUV	113.0120, -8.3869, -16.6735
Hunter-Lab	42.5980, -15.0927, 10.5819

Details

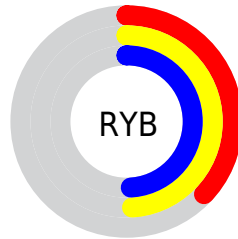
The XYZ color **14.1883, 18.1459, 13.8210** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.2457, 13.8968, 20.8959**, and the grayscale version is **15.7261, 16.5451, 18.0176**.

A 20% lighter version of the original color is **33.0636, 40.3665, 33.6526**, and **4.4019, 6.1424, 3.9712** is the 20% darker color. If you saturate the color by 10%, you get **12.4966, 17.3325, 11.1131**, and if you desaturate by 10%, it is **16.1737, 19.1023, 16.9702**.

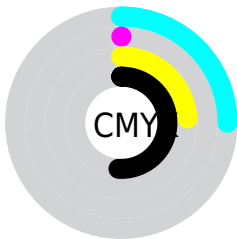
Distribution



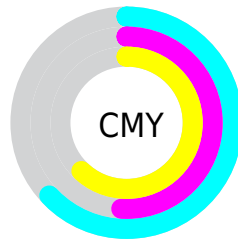
- Red (37%)
- Green (49%)
- Blue (38%)



- Red (37%)
- Yellow (49%)
- Blue (49%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1883, 18.1459, 13.8210 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 14.1883, 18.1459, 13.8210 by changing the saturation by 10% instead.

■ 14.1883, 18.1459,
13.8210

■ 14.1883, 18.1459,
13.8210

211.8864,
241.6921, 227.5040

■ 8.3343, 11.0548,
7.8589

■ 33.0062, 40.2858,
33.4836

■ 4.3632, 6.1037,
3.9183

■ 46.7009, 56.1033,
48.0213

■ 1.9096, 2.9082,
1.5807

■ 63.7399, 75.5985,
66.2545

■ 0.5824, 1.0840,
0.2770

■ 84.4885, 99.1556,
88.6020

■ 0.0000, 0.0000,
0.0000

109.3121,
127.1592, 115.4821

138.5760,

159.9935, 147.3134

172.6457,
198.0430, 184.5145

■ 14.1883, 18.1459,
13.8210

■ 14.1883, 18.1459,
13.8210

■ 12.4966, 17.3325,
11.1131

■ 16.1737, 19.1023,
16.9702

■ 11.0833, 16.6531,
8.8255

■ 18.4642, 20.2056,
20.5777

■ 9.9339, 16.1011,
6.9376

■ 21.0726, 21.4626,
24.6614

■ 9.0319, 15.6687,
5.4264

■ 24.0103, 22.8788,
29.2376

■ 8.3592, 15.3468,
4.2667

■ 27.2882, 24.4595,
34.3221

■ 7.8950, 15.1256,
3.4301

■ 30.9168, 26.2097,
39.9298

■ 7.6084, 14.9897,
2.8836

■ 34.9061, 28.1344,
46.0751

■ 7.5043, 14.9396,
2.7142

■ 39.2656, 30.2381,
52.7717

■ 44.0045, 32.5253,
60.0329

Harmonies

Analogous

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



15.6388, 18.1459, 11.0537



14.1883, 18.1459, 13.8210



13.5609, 18.1459, 18.6815

Triad

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



14.1883, 18.1459, 13.8210



16.8671, 18.1459, 33.5101



21.1524, 18.1459, 15.3722

Complementary

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



14.1883, 18.1459, 13.8210



16.2457, 13.8968, 20.8959

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.



21.5472, 18.1459, 20.8747



14.1883, 18.1459, 13.8210



18.9621, 18.1459, 32.1344

Square

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



14.1883, 18.1459, 13.8210



15.0258, 18.1459, 30.6417



20.7167, 18.1459, 27.1896



19.6773, 18.1459, 11.8150

Rectangle

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



14.1883, 18.1459, 13.8210



13.6544, 18.1459, 22.7726



20.7167, 18.1459, 27.1896



21.4206, 18.1459, 17.0215

Sweetspot

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



14.1888, 18.1467, 13.8214



31.3196, 34.9962, 34.3653



17.8521, 20.0457, 13.5183



7.0027, 7.9019, 7.6259



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.1888, 18.1467, 13.8214



23.3319, 31.1504, 21.7050



14.9799, 18.4631, 17.9875



4.2861, 4.8228, 4.6778



7.6978, 15.3257, 2.7812



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2457, 13.8968, 20.8959



27.5471, 22.4395, 36.2016



15.3356, 13.5327, 16.1036



4.4869, 4.4079, 5.3686



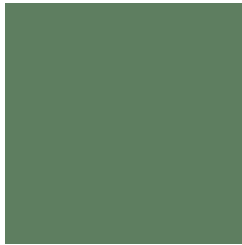
12.1889, 5.8953, 18.1165



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1883, 18.1459, 13.8210 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 14.1883, 18.1459, 13.8210 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 14.1883, 18.1459, 13.8210

Background



This preview shows how black text looks on a background with the XYZ color 14.1883, 18.1459, 13.8210.



This preview shows how white text looks on a background with the XYZ color 14.1883, 18.1459,

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

14.1883, 18.1459, 13.8210

Protanopia

16.8676, 18.0895, 12.7278

Deuteranopia

18.3106, 17.9453, 14.3031



Tritanopia

16.1896, 18.0228, 24.0982

Trichromacy



Original Color

14.1883, 18.1459, 13.8210

Protanomaly

15.7526, 18.0425, 13.0082

Deuteranomaly

16.5682, 17.9037, 14.1378

Tritanomaly

15.3900, 18.0706, 19.8164

Monochromacy



Original Color

14.1883, 18.1459, 13.8210

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0761, 17.0826, 16.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1883, 18.1459, 13.8210 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(94, 126, 96)` looks like.

```
.text, #text, p{  
    color:rgb(94, 126, 96)  
}
```

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(94, 126, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 126, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.1883, 18.1459, 13.8210 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(94, 126, 96) }
```


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

```
.border{ border-color:rgb(94, 126, 96) }
```

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

Here you see how a box with a 4 pixel rgb(94, 126, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 126, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 126, 96);  
box-shadow:4px 4px 4px 4px rgb(94, 126,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1883, 18.1459, 13.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 126, 96) }
```

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

```
.background{ background-color: rgb(94, 126,  
96) }
```

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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