

Converting Colors

XYZ(14.7271, 18.7058, 14.1192)

Have a look what the booklet for
XYZ(14.7271, 18.7058, 14.1192)
contains.

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Color

**XYZ(14.8066, 18.8428,
14.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	618061
RGB	97, 128, 97
RGB Percent	38%, 50%, 38%
CMY	0.6196, 0.4980, 0.6196
CMYK	0.24, 0.00, 0.24, 0.50
HSL	120°, 14%, 44%
HSV	120°, 24%, 50%
XYZ	14.8066, 18.8428, 14.1659
YIQ	115.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

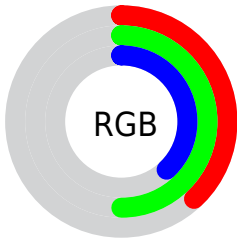
Format	Color
R_{YB}	97, 128, 128
Decimal	6389857
CIE _{Lab}	50.50, -17.61, 13.32
CIE _{LCh}	51, 22.083, 142.909
Yxy	18.8428, 0.3097, 0.3941
Android (android.graphics.Color)	4284579937 (0xFF618061)
YUV	115.1970, -8.9711, -15.9588
Hunter-Lab	43.4083, -15.0780, 11.0371

Details

The XYZ color **14.8066, 18.8428, 14.1659** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.0737, 14.6975, 22.3599**, and the grayscale version is **16.3841, 17.2374, 18.7715**.

A 20% lighter version of the original color is **34.0819, 41.4818, 34.2274**, and **4.6383, 6.4752, 4.0230** is the 20% darker color. If you saturate the color by 10%, you get **13.0018, 17.9764, 11.2134**, and if you desaturate by 10%, it is **16.9289, 19.8628, 17.6368**.

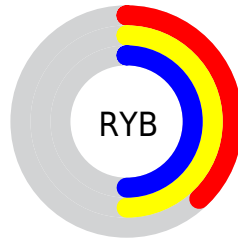
Distribution



Red (38%)

Green (50%)

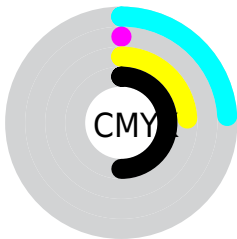
Blue (38%)



Red (38%)

Yellow (50%)

Blue (50%)

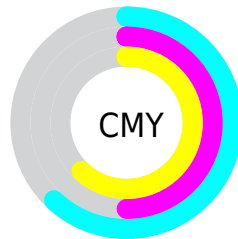


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8066, 18.8428, 14.1659 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 14.8066, 18.8428, 14.1659 by changing the saturation by 10% instead.

■ 14.8066, 18.8428,
14.1659

■ 14.8066, 18.8428,
14.1659

215.6043,
245.5796, 229.7247

■ 8.7692, 11.5567,
8.0961

■ 34.0880, 41.4683,
34.1045

■ 4.6468, 6.4426,
4.0678

■ 48.0627, 57.5765,
48.8103

■ 2.0742, 3.1160,
1.6626

■ 65.4139, 77.3943,
67.2318

■ 0.6751, 1.1926,
0.3349

■ 86.5069, 101.3059,
89.7877

■ 0.0000, 0.0557,
0.0000

111.7070,
129.6959, 116.8963

■ 0.0000, 0.0000,
0.0000

141.3798,

162.9486, 148.9764

175.8904,
201.4483, 186.4463

■ 14.8066, 18.8428,
14.1659

■ 14.8066, 18.8428,
14.1659

■ 13.0018, 17.9764,
11.2134

■ 16.9289, 19.8628,
17.6368

■ 11.4978, 17.2540,
8.7533

■ 19.3812, 21.0408,
21.6481

■ 10.2786, 16.6684,
6.7592

■ 22.1774, 22.3839,
26.2218

■ 9.3265, 16.2110,
5.2017

■ 25.3301, 23.8983,
31.3784

■ 8.6212, 15.8722,
4.0482

■ 28.8510, 25.5896,
37.1375

■ 8.1402, 15.6411,
3.2613

■ 32.7517, 27.4633,
43.5177

■ 7.8527, 15.5031,
2.7910

■ 37.0430, 29.5246,
50.5368

■ 7.7196, 15.4391,
2.5733

■ 41.7353, 31.7786,
58.2118

■ 46.8386, 34.2300,
66.5591

Harmonies

Analogous

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



16.3461, 18.8428, 11.4201



14.8066, 18.8428, 14.1659



14.1081, 18.8428, 19.0878

Triad

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



14.8066, 18.8428, 14.1659



17.4034, 18.8428, 34.6713



21.9990, 18.8428, 16.2395

Complementary

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



14.8066, 18.8428, 14.1659



17.0737, 14.6975, 22.3599

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.



22.3389, 18.8428, 22.0150



14.8066, 18.8428, 14.1659



19.5695, 18.8428, 33.4871

Square

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



14.8066, 18.8428, 14.1659



15.5275, 18.8428, 31.4993



21.4182, 18.8428, 28.5280



20.5235, 18.8428, 12.4392

Rectangle

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



14.8066, 18.8428, 14.1659



14.1704, 18.8428, 23.2804



21.4182, 18.8428, 28.5280



22.2545, 18.8428, 17.9807

Sweetspot

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



14.8071, 18.8436, 14.1663



32.7904, 36.4042, 35.9349



18.7798, 20.8916, 14.3521



7.6308, 8.5009, 8.3375



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.



14.8071, 18.8436, 14.1663



24.2702, 32.3115, 21.9986



15.6020, 19.1616, 18.3524



4.2760, 4.8187, 4.6249



7.6541, 15.3082, 2.5514



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0737, 14.6975, 22.3599



28.9746, 23.7062, 39.0045



16.1299, 14.3200, 17.3900



4.4982, 4.4124, 5.4279



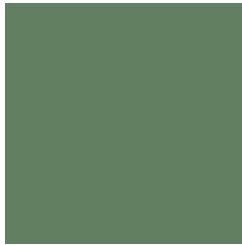
12.6903, 6.0958, 20.7569



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8066, 18.8428, 14.1659 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 14.8066, 18.8428, 14.1659 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 14.8066, 18.8428, 14.1659

Background



This preview shows how black text looks on a background with the XYZ color 14.8066, 18.8428, 14.1659.



This preview shows how white text looks on a background with the XYZ color 14.8066, 18.8428,

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

14.8066, 18.8428, 14.1659

Protanopia

17.5943, 18.8124, 13.0598

Deuteranopia

18.9122, 18.5848, 14.6470



Tritanopia

16.9101, 18.7429, 24.9168

Trichromacy



Original Color

14.8066, 18.8428, 14.1659

Protanomaly

16.4395, 18.7560, 13.3435

Deuteranomaly

17.1370, 18.5447, 14.4807

Tritanomaly

16.0906, 18.7900, 20.5481

Monochromacy



Original Color

14.8066, 18.8428, 14.1659

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.6076, 17.7038, 16.7819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8066, 18.8428, 14.1659 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(97, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 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(97, 128, 97) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 14.8066, 18.8428, 14.1659 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(97, 128, 97) }
```


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

```
.border{ border-color:rgb(97, 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(97, 128, 97) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 14.8066, 18.8428, 14.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(97, 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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