

Converting Colors

XYZ(14.7709, 18.7076, 15.0568)

Have a look what the booklet for
XYZ(14.7709, 18.7076, 15.0568)
contains.

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Color

**XYZ(14.8920, 18.8647,
15.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	608065
RGB	96, 128, 101
RGB Percent	38%, 50%, 40%
CMY	0.6235, 0.4980, 0.6039
CMYK	0.25, 0.00, 0.21, 0.50
HSL	129°, 14%, 44%
HSV	129°, 25%, 50%
XYZ	14.8920, 18.8647, 15.1683
YIQ	115.3540, -10.4050, -15.1810

Conversions

Conversions Part 2

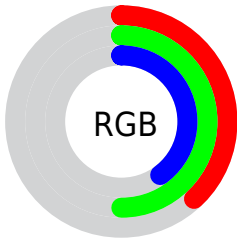
Format	Color
RYB	96, 124, 128
Decimal	6324325
CIELab	50.53, -17.21, 11.03
CIElCh	51, 20.439, 147.353
Yxy	18.8647, 0.3044, 0.3856
Android (android.graphics.Color)	4284514405 (0xFF608065)
YUV	115.3540, -7.0765, -16.9735
Hunter-Lab	43.4335, -14.8066, 9.6976

Details

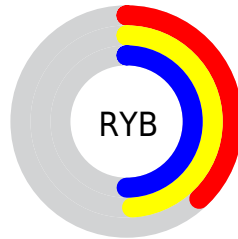
The XYZ color **14.8920, 18.8647, 15.1683** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.6607, 14.3854, 20.6382**, and the grayscale version is **16.4267, 17.2822, 18.8203**.

A 20% lighter version of the original color is **34.2240, 41.5178, 35.9157**, and **4.7285, 6.5113, 4.4976** is the 20% darker color. If you saturate the color by 10%, you get **13.1586, 18.0288, 12.5042**, and if you desaturate by 10%, it is **16.9153, 19.8431, 18.2099**.

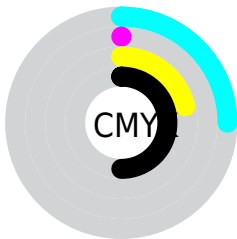
Distribution



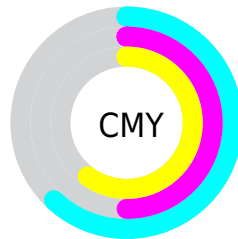
- Red (38%)
- Green (50%)
- Blue (40%)



- Red (38%)
- Yellow (49%)
- Blue (50%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (50%)



- Cyan (62%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8920, 18.8647, 15.1683 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 14.8920, 18.8647, 15.1683 by changing the saturation by 10% instead.

■ 14.8920, 18.8647,
15.1683

■ 14.8920, 18.8647,
15.1683

216.1130,
245.7008, 236.0584

■ 8.8294, 11.5726,
8.7897

■ 34.2368, 41.5053,
35.8946

■ 4.6863, 6.4533,
4.5093

■ 48.2498, 57.6226,
51.0794

■ 2.0973, 3.1226,
1.9087

■ 65.6436, 77.4504,
70.0366

■ 0.6877, 1.1961,
0.4983

■ 86.7837, 101.3731,
93.1848

■ 0.0000, 0.0585,
0.0000

112.0352,
129.7751, 120.9426

■ 0.0000, 0.0000,
0.0000

141.7638,

163.0408, 153.7284

176.3345,
201.5546, 191.9608

■ 14.8920, 18.8647,
15.1683

■ 14.8920, 18.8647,
15.1683

■ 13.1586, 18.0288,
12.5042

■ 16.9153, 19.8431,
18.2099

■ 11.7002, 17.3264,
10.2015

■ 19.2395, 20.9677,
21.6415

■ 10.5031, 16.7514,
8.2452

■ 21.8766, 22.2450,
25.4768

■ 9.5516, 16.2959,
6.6184

■ 24.8379, 23.6806,
29.7283

■ 8.8283, 15.9514,
5.3030

■ 28.1337, 25.2795,
34.4079

■ 8.3135, 15.7081,
4.2789

■ 31.7743, 27.0467,
39.5273

■ 7.9794, 15.5523,
3.5238

■ 35.7691, 28.9870,
45.0974

■ 7.8458, 15.4896,
3.2381

■ 40.1274, 31.1048,
51.1290

■ 44.8582, 33.4046,
57.6323

Harmonies

Analogous

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



16.2258, 18.8647, 12.2501



14.8920, 18.8647, 15.1683



14.3667, 18.8647, 20.0376

Triad

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



14.8920, 18.8647, 15.1683



17.7539, 18.8647, 33.5769



21.5557, 18.8647, 15.8972

Complementary

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



14.8920, 18.8647, 15.1683



16.6607, 14.3854, 20.6382

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.



22.0393, 18.8647, 21.0517



14.8920, 18.8647, 15.1683



19.7502, 18.8647, 31.9177

Square

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



14.8920, 18.8647, 15.1683



15.9406, 18.8647, 31.2422



21.3561, 18.8647, 27.0513



20.0791, 18.8647, 12.6129

Rectangle

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



14.8920, 18.8647, 15.1683



14.5142, 18.8647, 23.9925



21.3561, 18.8647, 27.0513



21.8443, 18.8647, 17.4365

Sweetspot

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



14.8925, 18.8655, 15.1687



32.5113, 36.2563, 36.1024



18.0282, 20.5095, 14.0751



7.4828, 8.4262, 8.2624



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.



14.8925, 18.8655, 15.1687



24.4217, 32.3464, 23.9571



15.7427, 19.2056, 19.6460



4.3013, 4.8289, 4.7580



7.7797, 15.3585, 3.2126



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6607, 14.3854, 20.6382



28.0917, 23.0445, 35.3063



15.7499, 14.0211, 15.8418



4.4702, 4.4012, 5.2806



11.5114, 5.6243, 14.5487



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8920, 18.8647, 15.1683 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 14.8920, 18.8647, 15.1683 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 14.8920, 18.8647, 15.1683

Background



This preview shows how black text looks on a background with the XYZ color 14.8920, 18.8647, 15.1683.



This preview shows how white text looks on a background with the XYZ color 14.8920, 18.8647,

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

14.8920, 18.8647, 15.1683

Protanopia

17.6265, 18.8080, 14.0106

Deuteranopia

18.9460, 18.5793, 15.6843



Tritanopia

16.9208, 18.9335, 24.9530

Trichromacy



Original Color

14.8920, 18.8647, 15.1683

Protanomaly

16.4900, 18.7608, 14.3073

Deuteranomaly

17.1907, 18.5498, 15.5064

Tritanomaly

16.0403, 18.7570, 20.8642

Monochromacy



Original Color

14.8920, 18.8647, 15.1683

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7153, 17.7469, 17.3491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8920, 18.8647, 15.1683 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(96, 128, 101) looks like.

```
.text, #text, p{  
    color:rgb(96, 128, 101)  
}
```

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(96, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 128, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.8920, 18.8647, 15.1683 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(96, 128, 101) }
```


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

```
.border{ border-color:rgb(96, 128, 101) }
```

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

Here you see how a box with a 4 pixel rgb(96, 128, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(96, 128,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8920, 18.8647, 15.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 128, 101) }
```

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

```
.background{ background-color: rgb(96, 128,  
101) }
```

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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