

Converting Colors

XYZ(14.2093, 18.3286, 19.0877)

Have a look what the booklet for
XYZ(14.2093, 18.3286, 19.0877)
contains.

XYZ(14.2934, 18.4700, 19.0314)	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(14.2934, 18.4700,
19.0314)**

Conversions

Conversions Part 1

Format	Color
Hex	528073
RGB	82, 128, 115
RGB Percent	32%, 50%, 45%
CMY	0.6784, 0.4980, 0.5490
CMYK	0.36, 0.00, 0.10, 0.50
HSL	163°, 22%, 41%
HSV	163°, 36%, 50%
XYZ	14.2934, 18.4700, 19.0314
YIQ	112.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

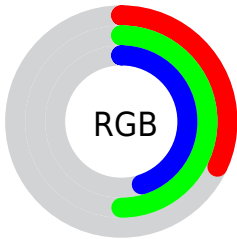
Format	Color
R_{YB}	82, 109, 128
Decimal	5406835
CIE _{Lab}	50.06, -18.86, 2.08
CIE _{LCh}	50, 18.970, 173.720
Yxy	18.4700, 0.2760, 0.3566
Android (android.graphics.Color)	4283596915 (0xFF528073)
YUV	112.7640, 1.1023, -26.9800
Hunter-Lab	42.9767, -15.8429, 3.8283

Details

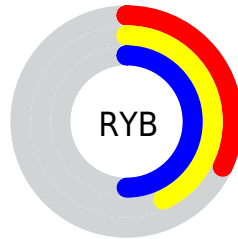
The XYZ color **14.2934, 18.4700, 19.0314** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.9856, 11.4506, 12.3004**, and the grayscale version is **15.6283, 16.4422, 17.9056**.

A 20% lighter version of the original color is **33.1718, 40.8243, 42.6908**, and **4.4363, 6.3205, 6.2964** is the 20% darker color. If you saturate the color by 10%, you get **13.0785, 17.8678, 17.9093**, and if you desaturate by 10%, it is **15.7252, 19.1841, 20.2071**.

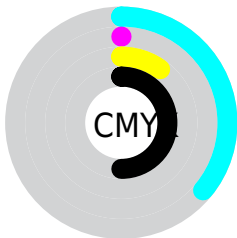
Distribution



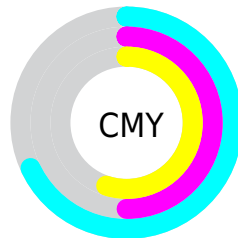
- Red (32%)
- Green (50%)
- Blue (45%)



- Red (32%)
- Yellow (43%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (50%)



- Cyan (68%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2934, 18.4700, 19.0314 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 14.2934, 18.4700, 19.0314 by changing the saturation by 10% instead.

■ 14.2934, 18.4700,
19.0314

■ 14.2934, 18.4700,
19.0314

212.5228,
243.5070, 259.0506

■ 8.4081, 11.2879,
11.5159

■ 33.1907, 40.8366,
42.6246

■ 4.4111, 6.2609,
6.2965

■ 46.9333, 56.7899,
59.5393

■ 1.9373, 3.0043,
2.9545

■ 64.0258, 76.4358,
80.4243

■ 0.5984, 1.1340,
1.0714

■ 84.8334, 100.1586,
105.6979

■ 0.0000, 0.0068,
0.0000

■ 109.7216,
128.3427, 135.7788

■ 0.0000, 0.0000,
0.0000

139.0556,

161.3725, 171.0856

173.2009,
199.6325, 212.0366

■ 14.2934, 18.4700,
19.0314

■ 14.2934, 18.4700,
19.0314

■ 13.0785, 17.8678,
17.9093

■ 15.7252, 19.1841,
20.2071

■ 12.0672, 17.3691,
16.8386

■ 17.3831, 20.0133,
21.4361

■ 11.2474, 16.9682,
15.8184

■ 19.2777, 20.9635,
22.7198

■ 10.6046, 16.6576,
14.8478

■ 21.4184, 22.0396,
24.0591

■ 10.1225, 16.4290,
13.9254

■ 23.8140, 23.2462,
25.4548

■ 9.7734, 16.2681,
13.0493

■ 26.4731, 24.5876,
26.9078

■ 9.6436, 16.2086,
12.7053

■ 29.4036, 26.0680,
28.4190

■ 32.6133, 27.6912,
29.9890

■ 36.1096, 29.4612,
31.6187

Harmonies

Analogous

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



14.8759, 18.4700, 14.7314



14.2934, 18.4700, 19.0314



14.5348, 18.4700, 24.4298

Triad

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



14.2934, 18.4700, 19.0314



19.0048, 18.4700, 30.7846



19.7143, 18.4700, 13.0491

Complementary

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



14.2934, 18.4700, 19.0314



13.9856, 11.4506, 12.3004

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.



20.9674, 18.4700, 16.3332



14.2934, 18.4700, 19.0314



20.5383, 18.4700, 26.6621

Square

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



14.2934, 18.4700, 19.0314



17.1742, 18.4700, 31.8439



21.2789, 18.4700, 21.2300



17.9418, 18.4700, 11.6847

Rectangle

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



14.2934, 18.4700, 19.0314



15.1395, 18.4700, 27.8858



21.2789, 18.4700, 21.2300



20.2151, 18.4700, 13.9345

Sweetspot

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



14.2939, 18.4707, 19.0318



32.1140, 35.9916, 38.7866



13.9656, 18.4830, 10.8146



7.4330, 8.3836, 9.0224



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.



14.2939, 18.4707, 19.0318



23.4137, 31.6497, 31.9086



13.8589, 16.3178, 22.8421



4.3962, 4.8668, 5.2577



9.5625, 16.0716, 12.6009



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9856, 11.4506, 12.3004



22.7916, 17.3997, 18.2630



14.2500, 12.8475, 9.7118



4.3739, 4.3627, 4.7733



9.1460, 4.6781, 2.0929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2934, 18.4700, 19.0314 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 14.2934, 18.4700, 19.0314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

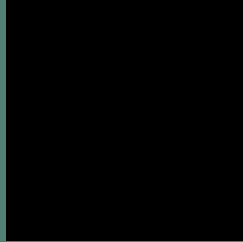
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2934, 18.4700, 19.0314

Background



This preview shows how black text looks on a background with the XYZ color 14.2934, 18.4700, 19.0314.



This preview shows how white text looks on a background with the XYZ color 14.2934, 18.4700,

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

14.2934, 18.4700, 19.0314

Protanopia

17.4613, 18.2936, 17.3626

Deuteranopia

18.6067, 18.3153, 19.6941



Tritanopia

15.6373, 18.4427, 25.6573

Trichromacy



Original Color

14.2934, 18.4700, 19.0314

Protanomaly

16.0685, 18.2771, 18.0102

Deuteranomaly

16.7374, 18.2280, 19.4658

Tritanomaly

15.1034, 18.4115, 23.1798

Monochromacy



Original Color

14.2934, 18.4700, 19.0314

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9952, 16.9966, 18.4099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2934, 18.4700, 19.0314 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(82, 128, 115)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 115)  
}
```

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(82, 128, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.2934, 18.4700, 19.0314 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(82, 128, 115) }
```


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

```
.border{ border-color:rgb(82, 128, 115) }
```

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

Here you see how a box with a 4 pixel rgb(82, 128, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 115);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2934, 18.4700, 19.0314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 115) }
```

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

```
.background{ background-color: rgb(82, 128,  
115) }
```

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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