

Converting Colors

XYZ(14.8896, 16.8197, 23.9345)

Have a look what the booklet for
XYZ(14.8896, 16.8197, 23.9345)
contains.

XYZ(14.8896, 16.8197, 23.9345)	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(14.8896, 16.8197,
23.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7683
RGB	91, 118, 131
RGB Percent	36%, 46%, 51%
CMY	0.6431, 0.5372, 0.4863
CMYK	0.31, 0.10, 0.00, 0.49
HSL	199°, 18%, 44%
HSV	199°, 31%, 51%
XYZ	14.8896, 16.8197, 23.9345
YIQ	111.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

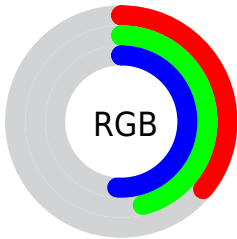
Format	Color
R_{YB}	91, 107, 131
Decimal	5994115
CIE _{Lab}	48.03, -6.46, -10.30
CIE _{LCh}	48, 12.162, 237.899
Yxy	16.8197, 0.2676, 0.3023
Android (android.graphics.Color)	4284184195 (0xFF5B7683)
YUV	111.4090, 9.6584, -17.8987
Hunter-Lab	41.0118, -6.9652, -5.8934

Details

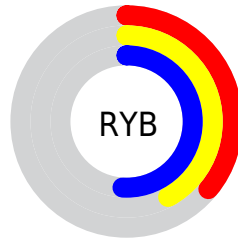
The XYZ color **14.8896, 16.8197, 23.9345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1991, 15.4816, 12.0326**, and the grayscale version is **15.2057, 15.9976, 17.4214**.

A 20% lighter version of the original color is **34.1818, 37.9609, 50.8730**, and **4.7094, 5.5031, 8.7966** is the 20% darker color. If you saturate the color by 10%, you get **13.2193, 15.2315, 23.7163**, and if you desaturate by 10%, it is **16.8091, 18.5708, 24.1716**.

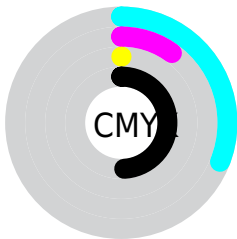
Distribution



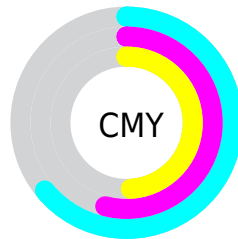
- Red (36%)
- Green (46%)
- Blue (51%)



- Red (36%)
- Yellow (42%)
- Blue (51%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8896, 16.8197, 23.9345 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 14.8896, 16.8197, 23.9345 by changing the saturation by 10% instead.

■ 14.8896, 16.8197,
23.9345

■ 14.8896, 16.8197,
23.9345

216.0987,
234.1312, 285.7651

■ 8.8278, 10.1060,
15.0733

■ 34.2326, 38.0155,
50.8658

■ 4.6852, 5.4693,
8.7236

■ 48.2445, 53.2664,
69.7729

■ 2.0966, 2.5252,
4.4670

■ 65.6372, 72.1319,
92.8658

■ 0.6874, 0.8892,
1.8849

■ 86.7759, 94.9963,
120.5630

■ 0.0000, 0.0000,
0.4831

112.0260,
122.2441, 153.2829

■ 0.0000, 0.0000,
0.0000

141.7530,

154.2595, 191.4442

176.3221,
191.4271, 235.4654

■ 14.8896, 16.8197,
23.9345

■ 14.8896, 16.8197,
23.9345

■ 13.2193, 15.2315,
23.7163

■ 16.8091, 18.5708,
24.1716

■ 11.7845, 13.7974,
23.5151

■ 18.9873, 20.4889,
24.4270

■ 10.5728, 12.5111,
23.3307

■ 21.4352, 22.5805,
24.7017

■ 9.5696, 11.3645,
23.1622

■ 24.1627, 24.8510,
24.9962

■ 8.7587, 10.3488,
23.0089

■ 27.1791, 27.3058,
25.3111

8.1211, 9.4538,
22.8698

30.4933, 29.9498,
25.6467

7.6218, 8.6887,
22.7484

34.1137, 32.7877,
26.0037

38.0486, 35.8242,
26.3824

42.3058, 39.0636,
26.7833

Harmonies

Analogous

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



14.1906, 16.8197, 21.2944



14.8896, 16.8197, 23.9345



15.9093, 16.8197, 25.0528

Triad

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



14.8896, 16.8197, 23.9345



18.1930, 16.8197, 18.5366



15.0180, 16.8197, 13.4685

Complementary

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



14.8896, 16.8197, 23.9345



16.1991, 15.4816, 12.0326

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.



16.0642, 16.8197, 12.9066



14.8896, 16.8197, 23.9345



17.9281, 16.8197, 15.6251

Square

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



14.8896, 16.8197, 23.9345



17.8446, 16.8197, 21.7223



17.1362, 16.8197, 13.6501



14.2623, 16.8197, 15.2819

Rectangle

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



14.8896, 16.8197, 23.9345



16.6450, 16.8197, 24.6985



17.1362, 16.8197, 13.6501



15.3458, 16.8197, 13.1367

Sweetspot

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



14.8901, 16.8204, 23.9349



34.5545, 37.1691, 43.8063



14.9129, 19.4499, 15.9768



7.9212, 8.5466, 10.1849



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8901, 16.8204, 23.9349



24.4318, 28.0106, 42.5720



12.8106, 12.6613, 23.2417



4.6774, 5.0305, 5.9252



7.5048, 8.5575, 22.3929



0.0327, 0.0430, 0.0798

Inverse Universe

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



16.3716, 13.6160, 18.9055



27.6159, 21.5014, 31.6784



18.4147, 19.9129, 12.7711



4.7952, 4.7378, 5.5340



10.9662, 5.4508, 9.6603



0.0413, 0.0202, 0.0512

Previews

White Background



This preview shows how the XYZ color 14.8896, 16.8197, 23.9345 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 14.8896, 16.8197, 23.9345 looks on a black 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

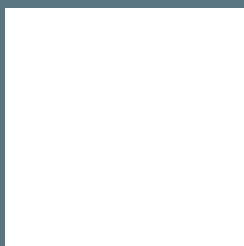
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8896, 16.8197, 23.9345

Background



This preview shows how black text looks on a background with the XYZ color 14.8896, 16.8197, 23.9345.



This preview shows how white text looks on a background with the XYZ color 14.8896, 16.8197,

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

14.8896, 16.8197, 23.9345

Protanopia

16.4835, 16.8135, 22.7986

Deuteranopia

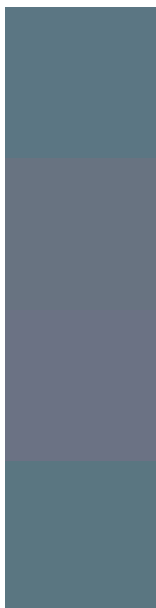
17.0518, 16.7478, 24.1637



Tritanopia

14.5912, 16.6890, 22.8743

Trichromacy



Original Color

14.8896, 16.8197, 23.9345

Protanomaly

15.8021, 16.7895, 23.1767

Deuteranomaly

16.2456, 16.8264, 24.2214

Tritanomaly

14.6573, 16.7155, 23.2228

Monochromacy



Original Color

14.8896, 16.8197, 23.9345

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9962, 16.2857, 19.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8896, 16.8197, 23.9345 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, 118, 131) looks like.

```
.text, #text, p{  
    color:rgb(91, 118, 131)  
}
```

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, 118, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 118, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.8896, 16.8197, 23.9345 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, 118, 131) }
```


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

```
.border{ border-color:rgb(91, 118, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 118, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 118, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 118, 131);  
box-shadow:4px 4px 4px 4px rgb(91, 118,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8896, 16.8197, 23.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 118, 131) }
```

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

```
.background{ background-color: rgb(91, 118,  
131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor