

Converting Colors

XYZ(14.3240, 19.5324, 16.7881)

Have a look what the booklet for
XYZ(14.3240, 19.5324, 16.7881)
contains.

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Color

**XYZ(14.3496, 19.5421,
16.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	50856B
RGB	80, 133, 107
RGB Percent	31%, 52%, 42%
CMY	0.6863, 0.4784, 0.5804
CMYK	0.40, 0.00, 0.20, 0.48
HSL	151°, 25%, 42%
HSV	151°, 40%, 52%
XYZ	14.3496, 19.5421, 16.9256
YIQ	114.1890, -23.2420, -19.3220

Conversions

Conversions Part 2

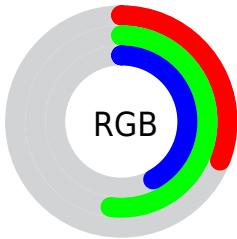
Format	Color
RYB	80, 115, 133
Decimal	5277035
CIELab	51.32, -23.91, 8.52
CIElCh	51, 25.389, 160.382
Yxy	19.5421, 0.2824, 0.3846
Android (android.graphics.Color)	4283467115 (0xFF50856B)
YUV	114.1890, -3.5442, -29.9838
Hunter-Lab	44.2064, -19.4194, 8.2438

Details

The XYZ color **14.3496, 19.5421, 16.9256** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.1437, 11.7648, 15.1090**, and the grayscale version is **16.0667, 16.9034, 18.4078**.

A 20% lighter version of the original color is **33.0905, 42.4117, 38.7900**, and **4.4443, 6.7888, 5.3511** is the 20% darker color. If you saturate the color by 10%, you get **13.0055, 18.8879, 15.1381**, and if you desaturate by 10%, it is **15.9430, 20.3229, 18.8609**.

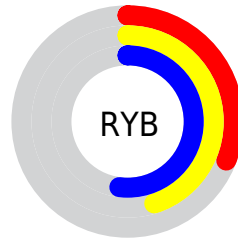
Distribution



Red (31%)

Green (52%)

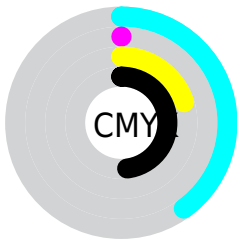
Blue (42%)



Red (31%)

Yellow (45%)

Blue (52%)

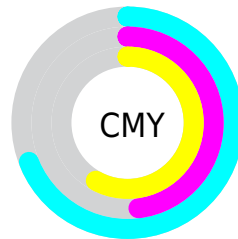


Cyan (40%)

Magenta (0%)

Yellow (20%)

Black (48%)



Cyan (69%)

Magenta (48%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3496, 19.5421, 16.9256 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 14.3496, 19.5421, 16.9256 by changing the saturation by 10% instead.

■ 14.3496, 19.5421,
16.9256

■ 14.3496, 19.5421,
16.9256

212.8624,
249.4253, 246.7727

■ 8.4475, 12.0626,
10.0201

■ 33.2892, 42.6481,
38.9867

■ 4.4368, 6.7864,
5.3065

■ 47.0574, 59.0435,
54.9794

■ 1.9521, 3.3288,
2.3663

■ 64.1784, 79.1796,
74.8381

■ 0.6068, 1.3057,
0.7680

■ 85.0175, 103.4409,
98.9816

■ 0.0000, 0.1456,
0.0000

■ 109.9401,
132.2117, 127.8282

■ 0.0000, 0.0000,
0.0000

139.3116,

165.8764, 161.7966

173.4972,
204.8195, 201.3052

■ 14.3496, 19.5421,
16.9256

■ 14.3496, 19.5421,
16.9256

■ 13.0055, 18.8879,
15.1381

■ 15.9430, 20.3229,
18.8609

■ 11.8954, 18.3509,
13.4934

■ 17.7967, 21.2343,
20.9461

■ 11.0047, 17.9241,
11.9882


■ 19.9231, 22.2831,
23.1850


■ 10.3162, 17.5987,
10.6185


■ 22.3332, 23.4751,
25.5807


■ 9.8101, 17.3648,
9.3800


■ 25.0375, 24.8154,
28.1365


 9.4293, 17.1927,
8.2668

 28.0456, 26.3091,
30.8554

 9.4238, 17.1902,
8.2510

 31.3671, 27.9610,
33.7402

 35.0110, 29.7756,
36.7938

 38.9858, 31.7574,
40.0191

Harmonies

Analogous

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



15.5910, 19.5421, 12.3152



14.3496, 19.5421, 16.9256



14.1792, 19.5421, 23.8949

Triad

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



14.3496, 19.5421, 16.9256



19.4668, 19.5421, 38.1806



22.5413, 19.5421, 13.4528

Complementary

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



14.3496, 19.5421, 16.9256



15.1437, 11.7648, 15.1090

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.



23.7947, 19.5421, 18.8595



14.3496, 19.5421, 16.9256



21.9155, 19.5421, 33.7857

Square

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



14.3496, 19.5421, 16.9256



16.9848, 19.5421, 37.3276



23.5558, 19.5421, 26.3191



20.2598, 19.5421, 10.6489

Rectangle

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



14.3496, 19.5421, 16.9256



14.6775, 19.5421, 29.1505



23.5558, 19.5421, 26.3191



23.1058, 19.5421, 14.9682

Sweetspot

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



14.3501, 19.5429, 16.9260



34.7085, 39.4247, 40.5210



15.8396, 20.4500, 10.7019



7.7271, 8.8364, 9.0329



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.



14.3501, 19.5429, 16.9260



23.4571, 33.9044, 27.3421



15.9301, 20.1749, 25.2459



4.7079, 5.2414, 5.4731



8.9801, 16.3749, 7.8804



0.0348, 0.0582, 0.0467

Inverse Universe

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



15.1437, 11.7648, 15.1090



25.0892, 17.9093, 23.6071



13.9900, 11.3034, 9.0339



4.7607, 4.7240, 5.3522



10.1333, 5.1177, 5.2744



0.0388, 0.0192, 0.0376

Previews

White Background



This preview shows how the XYZ color 14.3496, 19.5421, 16.9256 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 14.3496, 19.5421, 16.9256 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 14.3496, 19.5421, 16.9256

Background



This preview shows how black text looks on a background with the XYZ color 14.3496, 19.5421, 16.9256.



This preview shows how white text looks on a background with the XYZ color 14.3496, 19.5421,

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

14.3496, 19.5421, 16.9256

Protanopia

18.0884, 19.2035, 15.0652

Deuteranopia

19.6570, 19.2516, 17.4318



Tritanopia

16.4409, 19.5908, 27.3410

Trichromacy



Original Color

14.3496, 19.5421, 16.9256

Protanomaly

16.3373, 19.0260, 15.6433

Deuteranomaly

17.1794, 19.0520, 17.2399

Tritanomaly

15.4696, 19.3824, 23.0045

Monochromacy



Original Color

14.3496, 19.5421, 16.9256

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.1861, 17.6472, 17.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3496, 19.5421, 16.9256 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(80, 133, 107)` looks like.

```
.text, #text, p{  
    color:rgb(80, 133, 107)  
}
```

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(80, 133, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 133, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.3496, 19.5421, 16.9256 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(80, 133, 107) }
```


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

```
.border{ border-color:rgb(80, 133, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 133, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 133, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 133, 107);  
box-shadow:4px 4px 4px 4px rgb(80, 133,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3496, 19.5421, 16.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 133, 107) }
```

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

```
.background{ background-color: rgb(80, 133,  
107) }
```

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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