

Converting Colors

XYZ(14.3416, 19.6551, 11.6323)

Have a look what the booklet for
XYZ(14.3416, 19.6551, 11.6323)
contains.

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Color

**XYZ(14.3416, 19.6551,
11.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8555
RGB	91, 133, 85
RGB Percent	36%, 52%, 33%
CMY	0.6431, 0.4784, 0.6667
CMYK	0.32, 0.00, 0.36, 0.48
HSL	113°, 22%, 43%
HSV	113°, 36%, 52%
XYZ	14.3416, 19.6551, 11.6323
YIQ	114.9700, -9.6240, -23.8320

Conversions

Conversions Part 2

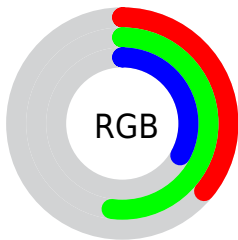
Format	Color
RYB	85, 133, 127
Decimal	5997909
CIELab	51.44, -24.52, 21.38
CIELCh	51, 32.537, 138.910
Yxy	19.6551, 0.3143, 0.4308
Android (android.graphics.Color)	4284187989 (0xFF5B8555)
YUV	114.9700, -14.7752, -21.0217
Hunter-Lab	44.3341, -19.8418, 15.4774

Details

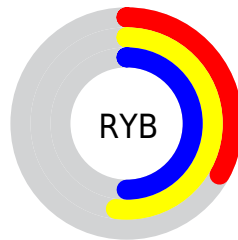
The XYZ color **14.3416, 19.6551, 11.6323** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.2355, 12.7032, 23.7876**, and the grayscale version is **16.3325, 17.1830, 18.7123**.

A 20% lighter version of the original color is **33.2598, 42.7067, 29.4119**, and **4.4143, 6.8252, 3.0042** is the 20% darker color. If you saturate the color by 10%, you get **12.8026, 18.9177, 9.0566**, and if you desaturate by 10%, it is **16.1590, 20.5257, 14.7403**.

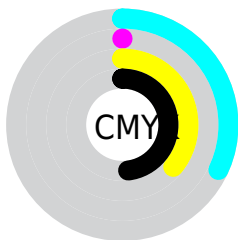
Distribution



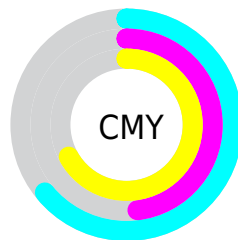
- Red (36%)
- Green (52%)
- Blue (33%)



- Red (33%)
- Yellow (52%)
- Blue (50%)



- Cyan (32%)
- Magenta (0%)
- Yellow (36%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3416, 19.6551, 11.6323 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 14.3416, 19.6551, 11.6323 by changing the saturation by 10% instead.

■ 14.3416, 19.6551,
11.6323

■ 14.3416, 19.6551,
11.6323

212.8141,
250.0418, 212.8464

■ 8.4419, 12.1446,
6.3743

■ 33.2752, 42.8382,
29.4779

■ 4.4332, 6.8422,
3.0016

■ 47.0397, 59.2795,
42.9027

■ 1.9500, 3.3636,
1.0954

■ 64.1567, 79.4666,
59.8868

■ 0.6056, 1.3244,
0.0000

■ 84.9913, 103.7838,
80.8488

■ 0.0000, 0.1600,
0.0000

■ 109.9090,
132.6155, 106.2072

■ 0.0000, 0.0000,
0.0000

139.2751,

166.3462, 136.3806

173.4550,
205.3601, 171.7874

■ 14.3416, 19.6551,
11.6323

■ 14.3416, 19.6551,
11.6323

■ 12.8026, 18.9177,
9.0566

■ 16.1590, 20.5257,
14.7403

■ 11.5266, 18.3045,
6.9823

■ 18.2659, 21.5329,
18.4069

■ 10.4992, 17.8093,
5.3770

■ 20.6750, 22.6832,
22.6580

■ 9.7040, 17.4245,
4.2041

■ 23.3975, 23.9820,
27.5176

■ 9.1224, 17.1414,
3.4218

■ 26.4442, 25.4342,
33.0084

■ 8.7293, 16.9486,
2.9606

■ 29.8252, 27.0447,
39.1518

■ 8.6124, 16.8916,
2.8065

■ 33.5503, 28.8181,
45.9682

■ 37.6290, 30.7587,
53.4774

■ 42.0701, 32.8708,
61.6980

Harmonies

Analogous

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



16.7216, 19.6551, 8.5079



14.3416, 19.6551, 11.6323



13.1774, 19.6551, 18.1283

Triad

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



14.3416, 19.6551, 11.6323



17.5008, 19.6551, 44.3136



25.2662, 19.6551, 16.0911

Complementary

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



14.3416, 19.6551, 11.6323



16.2355, 12.7032, 23.7876

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.



25.5379, 19.6551, 25.0458



14.3416, 19.6551, 11.6323



20.7891, 19.6551, 43.2914

Square

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



14.3416, 19.6551, 11.6323



14.8548, 19.6551, 37.9964



23.8191, 19.6551, 35.5124



23.1149, 19.6551, 10.5162

Rectangle

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



14.3416, 19.6551, 11.6323



13.1446, 19.6551, 24.3058



23.8191, 19.6551, 35.5124



25.5890, 19.6551, 18.7375

Sweetspot

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



14.3421, 19.6559, 11.6327



34.7284, 39.5237, 36.5129



18.8513, 20.7190, 11.6003



7.7162, 8.8528, 8.0359



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.



14.3421, 19.6559, 11.6327



23.4681, 34.1365, 17.1159



14.5626, 19.6785, 15.7583



4.6664, 5.2306, 4.9930



8.2073, 16.0910, 2.6733



0.0317, 0.0574, 0.0094

Inverse Universe

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



16.2355, 12.7032, 23.7876



27.3549, 19.8269, 42.1236



16.0397, 12.7311, 17.9533



4.8022, 4.7341, 5.8614



10.9458, 5.1769, 21.5590



0.0419, 0.0200, 0.0749

Previews

White Background



This preview shows how the XYZ color 14.3416, 19.6551, 11.6323 looks on a white background.

Color Contrast Check

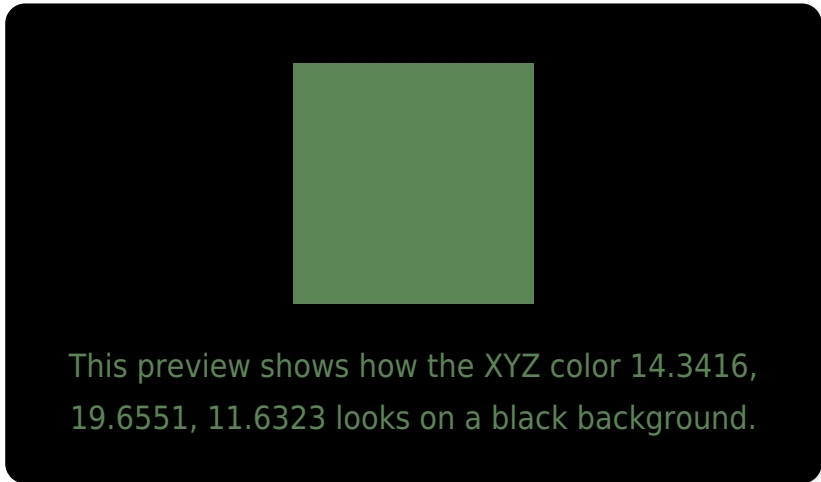
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 14.3416, 19.6551, 11.6323

Background



This preview shows how black text looks on a background with the XYZ color 14.3416, 19.6551, 11.6323.



This preview shows how white text looks on a background with the XYZ color 14.3416, 19.6551,

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

14.3416, 19.6551, 11.6323

Protanopia

18.1176, 19.4997, 10.5935

Deuteranopia

19.8415, 19.4636, 12.1623



Tritanopia

17.3603, 19.6942, 26.5533

Trichromacy



Original Color

14.3416, 19.6551, 11.6323

Protanomaly

16.4551, 19.3825, 10.8566

Deuteranomaly

17.3019, 19.2305, 12.0325

Tritanomaly

16.0500, 19.5499, 20.0671

Monochromacy



Original Color

14.3416, 19.6551, 11.6323

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4021, 17.9827, 15.7559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3416, 19.6551, 11.6323 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, 133, 85)` looks like.

```
.text, #text, p{  
    color:rgb(91, 133, 85)  
}
```

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, 133, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 133, 85) }
```

Border

The CSS property to change the border of an element to XYZ 14.3416, 19.6551, 11.6323 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, 133, 85) }
```


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

```
.border{ border-color:rgb(91, 133, 85) }
```

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

Here you see how a box with a 4 pixel rgb(91, 133, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 133, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 133, 85);  
box-shadow:4px 4px 4px 4px rgb(91, 133,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3416, 19.6551, 11.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 133, 85) }
```

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

```
.background{ background-color: rgb(91, 133,  
85) }
```

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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