

Converting Colors

XYZ(14.6837, 19.7965, 13.2769)

Have a look what the booklet for
XYZ(14.6837, 19.7965, 13.2769)
contains.

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Color

**XYZ(14.6337, 19.7719,
13.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	5B855C
RGB	91, 133, 92
RGB Percent	36%, 52%, 36%
CMY	0.6431, 0.4784, 0.6392
CMYK	0.32, 0.00, 0.31, 0.48
HSL	121°, 19%, 44%
HSV	121°, 32%, 52%
XYZ	14.6337, 19.7719, 13.1703
YIQ	115.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

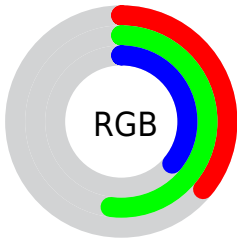
Format	Color
R _Y B	91, 132, 133
Decimal	5997916
CIE Lab	51.58, -23.30, 17.60
CIE LCh	52, 29.204, 142.930
Yxy	19.7719, 0.3076, 0.4156
Android (android.graphics.Color)	4284187996 (0xFF5B855C)
YUV	115.7680, -11.7176, -21.7215
Hunter-Lab	44.4656, -19.0702, 13.5648

Details

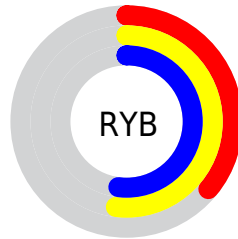
The XYZ color **14.6337, 19.7719, 13.1703** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5795, 14.1351, 23.6325**, and the grayscale version is **16.5672, 17.4300, 18.9812**.

A 20% lighter version of the original color is **33.5967, 42.8216, 32.0858**, and **4.5827, 6.8974, 3.6746** is the 20% darker color. If you saturate the color by 10%, you get **12.9173, 18.9477, 10.3770**, and if you desaturate by 10%, it is **16.6809, 20.7565, 16.4878**.

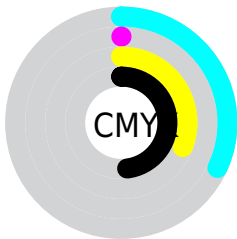
Distribution



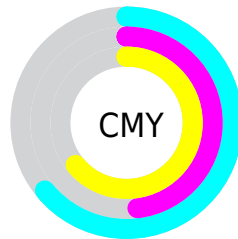
- Red (36%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (52%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6337, 19.7719, 13.1703 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 14.6337, 19.7719, 13.1703 by changing the saturation by 10% instead.

■ 14.6337, 19.7719,
13.1703

■ 14.6337, 19.7719,
13.1703

214.5709,
250.6776, 223.2523

■ 8.6474, 12.2293,
7.4138

■ 33.7862, 43.0344,
32.3051

■ 4.5671, 6.9001,
3.6399

■ 47.6832, 59.5232,
46.5204

■ 2.0277, 3.3997,
1.4299

■ 64.9476, 79.7628,
64.3925

■ 0.6495, 1.3438,
0.1649

■ 85.9450, 104.1377,
86.3398

■ 0.0000, 0.1747,
0.0000

111.0407,
133.0322, 112.7809

■ 0.0000, 0.0000,
0.0000

140.6000,

166.8308, 144.1343

174.9883,
205.9178, 180.8186

■ 14.6337, 19.7719,
13.1703

■ 14.6337, 19.7719,
13.1703

■ 12.9173, 18.9477,
10.3770

■ 16.6809, 20.7565,
16.4878

■ 11.5128, 18.2730,
8.0798

■ 19.0733, 21.9068,
20.3528

■ 10.4020, 17.7397,
6.2502


■ 21.8263, 23.2307,
24.7892


■ 9.5640, 17.3377,
4.8559


■ 24.9539, 24.7350,
29.8188


■ 8.9754, 17.0557,
3.8610


■ 28.4696, 26.4261,
35.4622


 8.6085, 16.8803,
3.2236

 32.3860, 28.3102,
41.7393

 8.4053, 16.7827,
2.8874

 36.7151, 30.3930,
48.6689

 41.4685, 32.6802,
56.2689

 46.6574, 35.1771,
64.5569

Harmonies

Analogous

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



16.6753, 19.7719, 9.7961



14.6337, 19.7719, 13.1703



13.7228, 19.7719, 19.5966

Triad

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



14.6337, 19.7719, 13.1703



18.1054, 19.7719, 41.9207



24.4938, 19.7719, 15.8171

Complementary

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



14.6337, 19.7719, 13.1703



17.5795, 14.1351, 23.6325

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.



24.9787, 19.7719, 23.5828



14.6337, 19.7719, 13.1703



21.0820, 19.7719, 40.1436

Square

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



14.6337, 19.7719, 13.1703



15.5872, 19.7719, 37.2002



23.6731, 19.7719, 32.8348



22.4099, 19.7719, 11.0227

Rectangle

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



14.6337, 19.7719, 13.1703



13.8043, 19.7719, 25.3575



23.6731, 19.7719, 32.8348



24.8576, 19.7719, 18.1053

Sweetspot

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



14.6342, 19.7727, 13.1707



35.2663, 39.7633, 38.2389



19.8394, 22.4611, 13.1875



7.8111, 8.8938, 8.3986



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.



14.6342, 19.7727, 13.1707



23.9095, 34.3040, 19.8510



15.6663, 20.1856, 18.6054



4.6205, 5.2064, 5.0126



8.0063, 15.9854, 2.7525



0.0280, 0.0555, 0.0110

Inverse Universe

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



17.5795, 14.1351, 23.6325



30.0631, 22.5236, 41.7075



16.3004, 13.6235, 16.8967



4.8532, 4.7610, 5.8394



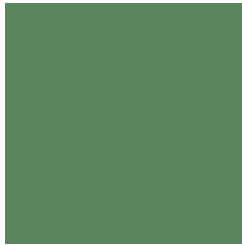
13.0413, 6.2809, 20.5875



0.0456, 0.0219, 0.0733

Previews

White Background



This preview shows how the XYZ color 14.6337, 19.7719, 13.1703 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 14.6337, 19.7719, 13.1703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

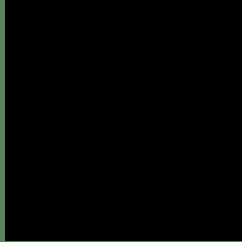
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6337, 19.7719, 13.1703

Background



This preview shows how black text looks on a background with the XYZ color 14.6337, 19.7719, 13.1703.



This preview shows how white text looks on a background with the XYZ color 14.6337, 19.7719,

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

14.6337, 19.7719, 13.1703

Protanopia

18.1956, 19.5127, 11.8241

Deuteranopia

19.8717, 19.6227, 13.5667



Tritanopia

17.2503, 19.6375, 26.5481

Trichromacy



Original Color

14.6337, 19.7719, 13.1703

Protanomaly

16.6001, 19.4249, 12.3257

Deuteranomaly

17.4155, 19.2592, 13.3892

Tritanomaly

16.1253, 19.5678, 21.0162

Monochromacy



Original Color

14.6337, 19.7719, 13.1703

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.6768, 18.1064, 16.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6337, 19.7719, 13.1703 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(91, 133, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 133, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.6337, 19.7719, 13.1703 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, 92) }
```


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

```
.border{ border-color:rgb(91, 133, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 133, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 133, 92);  
box-shadow:4px 4px 4px 4px rgb(91, 133,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6337, 19.7719, 13.1703 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, 92) }
```

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

```
.background{ background-color: rgb(91, 133,  
92) }
```

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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