

Converting Colors

XYZ(14.6700, 19.4871, 8.6184)

Have a look what the booklet for
XYZ(14.6700, 19.4871, 8.6184)
contains.

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Color

**XYZ(14.6700, 19.4871,
8.6184)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 668345 |
| RGB | 102, 131, 69 |
| RGB Percent | 40%, 51%, 27% |
| CMY | 0.6000, 0.4863, 0.7294 |
| CMYK | 0.22, 0.00, 0.47, 0.49 |
| HSL | 88°, 31%, 39% |
| HSV | 88°, 47%, 51% |
| XYZ | 14.6700, 19.4871, 8.6184 |
| YIQ | 115.2610, 2.6180, -25.4300 |

Conversions

Conversions Part 2

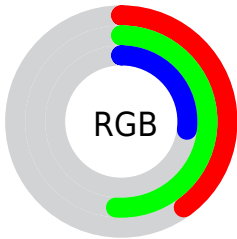
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 69, 131, 98 |
| Decimal | 6718277 |
| CIELab | 51.25, -21.68, 30.08 |
| CIELCh | 51, 37.076, 125.776 |
| Yxy | 19.4871, 0.3430, 0.4556 |
| Android (android.graphics.Color) | 4284908357 (0xFF668345) |
| YUV | 115.2610, -22.8067, -11.6299 |
| Hunter-Lab | 44.1442, -17.9332, 19.3256 |

Details

The XYZ color **14.6700, 19.4871, 8.6184** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.2627, 8.4921, 22.5194**, and the grayscale version is **16.4420, 17.2983, 18.8378**.

A 20% lighter version of the original color is **33.7967, 42.4829, 23.8715**, and **4.5554, 6.6997, 1.8121** is the 20% darker color. If you saturate the color by 10%, you get **13.6386, 18.9979, 6.6769**, and if you desaturate by 10%, it is **15.8436, 20.0404, 11.0361**.

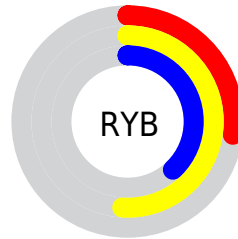
Distribution



Red (40%)

Green (51%)

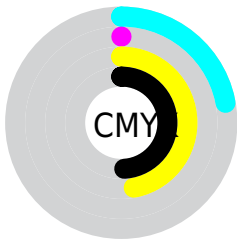
Blue (27%)



Red (27%)

Yellow (51%)

Blue (38%)

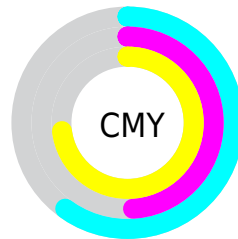


Cyan (22%)

Magenta (0%)

Yellow (47%)

Black (49%)



Cyan (60%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6700, 19.4871, 8.6184 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 14.6700, 19.4871, 8.6184 by changing the saturation by 10% instead.

■ 14.6700, 19.4871,
8.6184

■ 14.6700, 19.4871,
8.6184

214.7883,
249.1248, 190.6171

■ 8.6729, 12.0228,
4.3997

■ 33.8496, 42.5556,
23.7280

■ 4.5839, 6.7592,
1.8471

■ 47.7629, 58.9285,
35.4560

■ 2.0375, 3.3120,
0.4588

■ 65.0456, 79.0398,
50.5242

■ 0.6549, 1.2967,
0.0000

■ 86.0631, 103.2738,
69.3512

■ 0.0000, 0.1386,
0.0000

■ 111.1808,
132.0149, 92.3554

■ 0.0000, 0.0000,
0.0000

140.7640,

165.6475, 119.9554

175.1780,
204.5560, 152.5698

■ 14.6700, 19.4871,
8.6184

■ 14.6700, 19.4871,
8.6184

■ 13.6386, 18.9979,
6.6769

■ 15.8436, 20.0404,
11.0361

■ 12.7407, 18.5673,
5.1787

■ 17.1643, 20.6580,
13.9575

■ 11.9692, 18.1928,
4.0891


■ 18.6388, 21.3432,
17.4092


■ 11.3149, 17.8709,
3.3671


■ 20.2726, 22.0985,
21.4159


■ 10.7609, 17.5944,
2.9294


■ 22.0712, 22.9261,
26.0006

 10.6226, 17.5253,
2.8228

 24.0395, 23.8281,
31.1850

 26.1825, 24.8066,
36.9896

 28.5047, 25.8635,
43.4342

 31.0106, 27.0007,
50.5374

Harmonies

Analogous

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



17.8158, 19.4871, 6.7269



14.6700, 19.4871, 8.6184



12.7673, 19.4871, 13.9147

Triad

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



14.6700, 19.4871, 8.6184



15.7563, 19.4871, 45.7182



26.5307, 19.4871, 19.2350

Complementary

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



14.6700, 19.4871, 8.6184



11.2627, 8.4921, 22.5194

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.



25.7884, 19.4871, 30.7129



14.6700, 19.4871, 8.6184



19.2464, 19.4871, 48.5938

Square

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



14.6700, 19.4871, 8.6184



13.3336, 19.4871, 35.4802



22.9951, 19.4871, 42.3855



24.9068, 19.4871, 11.4048

Rectangle

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



14.6700, 19.4871, 8.6184



12.2999, 19.4871, 19.7540



22.9951, 19.4871, 42.3855



26.5520, 19.4871, 22.7529

Sweetspot

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



14.6705, 19.4880, 8.6188



34.2252, 38.6123, 33.2244



14.7965, 13.9786, 7.5488



7.8442, 8.9323, 7.4349



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.



14.6705, 19.4880, 8.6188



24.2534, 33.9387, 11.6571



11.7945, 18.0053, 8.4842



4.8353, 5.3177, 5.0009



10.4588, 17.2517, 2.7787



0.0447, 0.0641, 0.0100

Inverse Universe

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



11.2627, 8.4921, 22.5194



17.3601, 11.6844, 39.7935



15.2688, 10.5574, 22.7069



4.6262, 4.6434, 5.8532



5.9469, 2.5999, 21.3251



0.0289, 0.0133, 0.0743

Previews

White Background



This preview shows how the XYZ color 14.6700, 19.4871, 8.6184 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 14.6700, 19.4871, 8.6184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

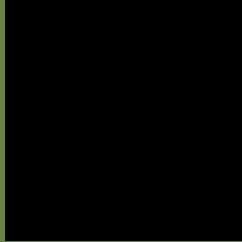
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6700, 19.4871, 8.6184

Background



This preview shows how black text looks on a background with the XYZ color 14.6700, 19.4871, 8.6184.



This preview shows how white text looks on a background with the XYZ color 14.6700, 19.4871,

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

14.6700, 19.4871, 8.6184

Protanopia

17.7744, 19.3807, 7.9583

Deuteranopia

19.6607, 19.2677, 8.9861



Tritanopia

18.0663, 19.5160, 25.3690

Trichromacy



Original Color

14.6700, 19.4871, 8.6184

Protanomaly

16.3728, 19.2101, 8.1552

Deuteranomaly

17.3671, 18.9679, 8.8767

Tritanomaly

16.5882, 19.4927, 17.6400

Monochromacy



Original Color

14.6700, 19.4871, 8.6184

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4724, 17.8716, 14.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6700, 19.4871, 8.6184 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(102, 131, 69)` looks like.

```
.text, #text, p{  
    color:rgb(102, 131, 69)  
}
```

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(102, 131, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 131, 69) }
```

Border

The CSS property to change the border of an element to XYZ 14.6700, 19.4871, 8.6184 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(102, 131, 69) }
```


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

```
.border{ border-color:rgb(102, 131, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 131, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 131, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 131, 69);  
box-shadow:4px 4px 4px 4px rgb(102, 131,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6700, 19.4871, 8.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 131, 69) }
```

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

```
.background{ background-color: rgb(102,  
131, 69) }
```

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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