

Converting Colors

XYZ(8.0200, 15.4244, 2.6031)

Have a look what the booklet for
XYZ(8.0200, 15.4244, 2.6031)
contains.

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Color

**XYZ(8.0012, 15.3898,
2.6063)**

Conversions

Conversions Part 1

Format	Color
Hex	197F02
RGB	25, 127, 2
RGB Percent	10%, 50%, 1%
CMY	0.9020, 0.5020, 0.9921
CMYK	0.80, 0.00, 0.98, 0.50
HSL	109°, 97%, 25%
HSV	109°, 98%, 50%
XYZ	8.0012, 15.3898, 2.6063
YIQ	82.2520, -20.6670, -60.4990

Conversions

Conversions Part 2

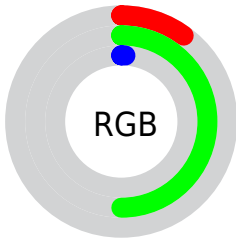
Format	Color
RYB	2, 127, 104
Decimal	1670914
CIELab	46.16, -48.81, 49.54
CIELCh	46, 69.547, 134.577
Yxy	15.3898, 0.3078, 0.5920
Android (android.graphics.Color)	4279860994 (0xFF197F02)
YUV	82.2520, -39.5642, -50.2100
Hunter-Lab	39.2298, -32.2459, 23.5219

Details

The XYZ color **8.0012, 15.3898, 2.6063** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9.5634, 4.5199, 20.4479**, and the grayscale version is **8.1513, 8.5758, 9.3390**.

A 20% lighter version of the original color is **21.6657, 35.5916, 10.5784**, and **2.5844, 5.1689, 0.8615** is the 20% darker color. If you saturate the color by 10%, you get **7.9513, 15.3658, 2.5468**, and if you desaturate by 10%, it is **8.3794, 15.5768, 3.0062**.

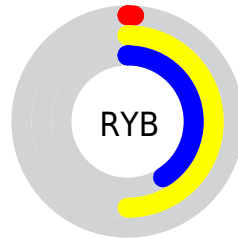
Distribution



Red (10%)

Green (50%)

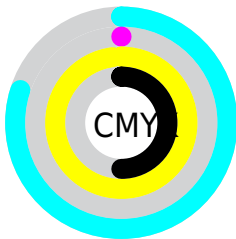
Blue (1%)



Red (1%)

Yellow (50%)

Blue (41%)

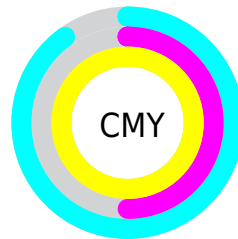


Cyan (80%)

Magenta (0%)

Yellow (98%)

Black (50%)



Cyan (90%)


Magenta (50%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.0012, 15.3898, 2.6063 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 8.0012, 15.3898, 2.6063 by changing the saturation by 10% instead.


 8.0012, 15.3898,
2.6063


 8.0012, 15.3898,
2.6063


170.1113,
225.7136, 131.1765


 4.1475, 9.0934,
0.8957


 21.6462, 35.5356,
10.6404


 1.7859, 4.8022,
0.0000

 32.1682, 50.1537,
17.8027


 0.5092, 2.1317,
0.0000

 45.6437, 68.3146,
27.6198

 0.0000, 0.6823,
0.0000


 62.4381, 90.4026,
40.5102


 0.0000, 0.0000,
0.0000


 82.9167, 116.8021,
56.8926


 107.4449,


147.8975, 77.1854


 136.3879,
184.0732, 101.8072


 8.0012, 15.3898,
2.6063


 8.0012, 15.3898,
2.6063


 7.9513, 15.3658,
2.5468

 8.3794, 15.5768,
3.0062

 8.9068, 15.8350,
3.6490

 9.6106, 16.1767,
4.6333

 10.5056, 16.6088,
5.9975

 11.6048, 17.1373,
7.7752

■ 12.9202, 17.7676,
9.9961

■ 14.4627, 18.5049,
12.6871

■ 16.2426, 19.3537,
15.8732

■ 18.2693, 20.3187,
19.5774

Harmonies

Analogous

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



11.9441, 15.3898, 0.8588



8.0012, 15.3898, 2.6063



6.1658, 15.3898, 9.4926

Triad

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



8.0012, 15.3898, 2.6063



11.8027, 15.3898, 71.9735



28.6519, 15.3898, 9.8149

Complementary

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



8.0012, 15.3898, 2.6063



9.5634, 4.5199, 20.4479

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.



28.5838, 15.3898, 27.0154



8.0012, 15.3898, 2.6063



17.6855, 15.3898, 72.3036

Square

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



8.0012, 15.3898, 2.6063



7.9219, 15.3898, 51.6619



24.1666, 15.3898, 52.3872



24.3333, 15.3898, 2.7061

Rectangle

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



8.0012, 15.3898, 2.6063



5.9580, 15.3898, 19.4969



24.1666, 15.3898, 52.3872



29.1721, 15.3898, 14.2864

Sweetspot

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



8.0016, 15.3904, 2.6066



25.2270, 32.8160, 21.5351



13.5155, 14.0202, 2.0515



5.6735, 7.5719, 4.6348



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



8.0016, 15.3904, 2.6066



14.1405, 27.4650, 4.5560



7.9895, 15.3422, 4.5041



4.3442, 4.8539, 4.6281



8.0178, 15.4957, 2.5684



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.5634, 4.5199, 20.4479



16.8946, 7.9170, 36.5940



10.5990, 5.2856, 10.0243



4.4231, 4.3737, 5.4244



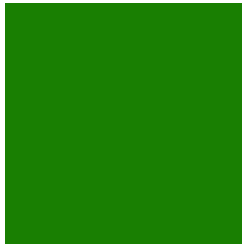
9.5783, 4.4915, 20.6121



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 8.0012, 15.3898, 2.6063 looks on a white background.

Color Contrast Check

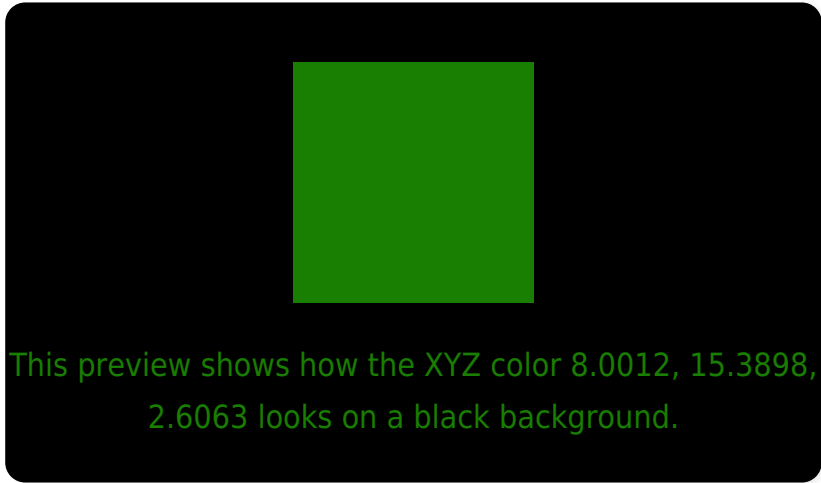
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

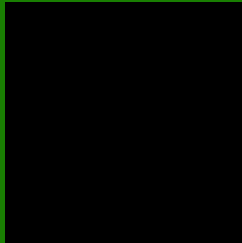
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.0012, 15.3898, 2.6063

Background



This preview shows how black text looks on a background with the XYZ color 8.0012, 15.3898, 2.6063.



This preview shows how white text looks on a background with the XYZ color 8.0012, 15.3898,

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

8.0012, 15.3898, 2.6063

Protanopia

13.6370, 15.1482, 2.2052

Deuteranopia

15.3646, 15.0980, 3.1413



Tritanopia

12.1196, 15.4149, 22.7587

Trichromacy



Original Color

8.0012, 15.3898, 2.6063

Protanomaly

10.1813, 14.5192, 2.2946

Deuteranomaly

10.7272, 14.1188, 2.7321

Tritanomaly

9.4871, 14.8648, 10.3518

Monochromacy



Original Color

8.0012, 15.3898, 2.6063

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

6.9348, 9.9845, 4.9299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0012, 15.3898, 2.6063 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(25, 127, 2)` looks like.

```
.text, #text, p{  
    color:rgb(25, 127, 2)  
}
```

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(25, 127, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 127, 2) }
```

Border

The CSS property to change the border of an element to XYZ 8.0012, 15.3898, 2.6063 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(25, 127, 2) }
```


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

```
.border{ border-color:rgb(25, 127, 2) }
```

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

Here you see how a box with a 4 pixel rgb(25, 127, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 127, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 127, 2);  
box-shadow:4px 4px 4px 4px rgb(25, 127, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.0012, 15.3898, 2.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 127, 2) }
```

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

```
.background{ background-color: rgb(25, 127,  
2) }
```

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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