

Converting Colors

XYZ(16.0633, 26.1248, 6.7093)

Have a look what the booklet for
XYZ(16.0633, 26.1248, 6.7093)
contains.

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Color

**XYZ(16.0979, 26.1424,
6.6802)**

Conversions

Conversions Part 1

Format	Color
Hex	539D2D
RGB	83, 157, 45
RGB Percent	33%, 62%, 18%
CMY	0.6745, 0.3843, 0.8235
CMYK	0.47, 0.00, 0.71, 0.38
HSL	100°, 55%, 40%
HSV	100°, 71%, 62%
XYZ	16.0979, 26.1424, 6.6802
YIQ	122.1060, -8.1520, -50.5200

Conversions

Conversions Part 2

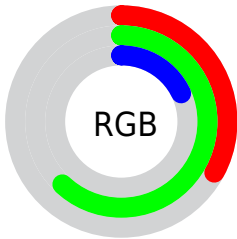
Format	Color
RYB	45, 157, 119
Decimal	5479725
CIELab	58.17, -43.07, 49.00
CIELCh	58, 65.238, 131.312
Yxy	26.1424, 0.3291, 0.5344
Android (android.graphics.Color)	4283669805 (0xFF539D2D)
YUV	122.1060, -38.0133, -34.2960
Hunter-Lab	51.1296, -33.2771, 28.0444

Details

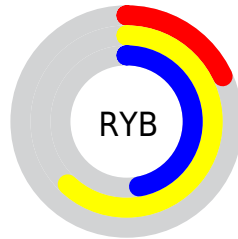
The XYZ color **16.0979, 26.1424, 6.6802** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.6334, 8.2340, 32.7178**, and the grayscale version is **18.6562, 19.6278, 21.3747**.

A 20% lighter version of the original color is **36.1824, 53.3533, 19.7005**, and **5.3608, 10.2626, 1.6983** is the 20% darker color. If you saturate the color by 10%, you get **15.0025, 25.6071, 5.3342**, and if you desaturate by 10%, it is **17.4440, 26.7955, 8.6259**.

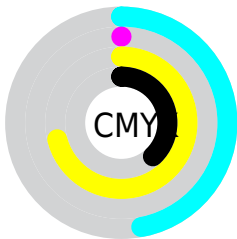
Distribution



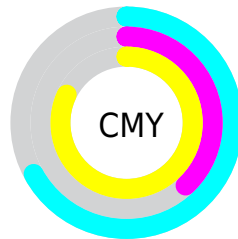
- Red (33%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (47%)



- Cyan (47%)
- Magenta (0%)
- Yellow (71%)
- Black (38%)





- Cyan (67%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0979, 26.1424, 6.6802 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 16.0979, 26.1424, 6.6802 by changing the saturation by 10% instead.


 16.0979, 26.1424,
6.6802


 16.0979, 26.1424,
6.6802


223.1778,
283.4804, 174.5082


 9.6847, 16.9302,
3.1875


 36.3242, 53.5046,
19.8287


 5.2511, 10.1847,
1.1912


 50.8680, 72.4234,
30.3216


 2.4316, 5.5216,
0.0000


 68.8527, 95.3464,
43.9850

 0.8609, 2.5564,
0.0000

 90.6437, 122.6582,
61.2374

 0.0000, 0.9048,
0.0000

 116.6064,
154.7431, 82.4974

 0.0000, 0.0000,
0.0000

 147.1060,

191.9855, 108.1835

182.5080,
234.7698, 138.7142

■ 16.0979, 26.1424,
6.6802

■ 16.0979, 26.1424,
6.6802

■ 15.0025, 25.6071,
5.3342

■ 17.4440, 26.7955,
8.6259

■ 14.1366, 25.1780,
4.5163

■ 19.0558, 27.5705,
11.2288

■ 13.5396, 24.8791,
4.0885

■ 20.9492, 28.4752,
14.5415

■ 23.1380, 29.5157,
18.6108

■ 25.6352, 30.6979,
23.4795

■ 28.4529, 32.0271,
29.1874

■ 31.6025, 33.5083,
35.7713

■ 35.0949, 35.1464,
43.2661

■ 38.9405, 36.9461,
51.7047

Harmonies

Analogous

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



21.9817, 26.1424, 3.5532



16.0979, 26.1424, 6.6802



13.0444, 26.1424, 16.6639

Triad

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



16.0979, 26.1424, 6.6802



20.2856, 26.1424, 92.8844



42.9464, 26.1424, 20.7461

Complementary

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



16.0979, 26.1424, 6.6802



14.6334, 8.2340, 32.7178

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.



42.2211, 26.1424, 44.8283



16.0979, 26.1424, 6.6802



27.9523, 26.1424, 96.1118

Square

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



16.0979, 26.1424, 6.6802



15.0841, 26.1424, 67.9955



36.3026, 26.1424, 75.3248



38.1134, 26.1424, 8.3040

Rectangle

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



16.0979, 26.1424, 6.6802



12.5320, 26.1424, 29.4740



36.3026, 26.1424, 75.3248



43.3676, 26.1424, 27.4785

Sweetspot

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



16.0985, 26.1435, 6.6808



45.8753, 54.9590, 41.9825



20.8343, 20.2686, 5.2972



9.8334, 11.9699, 8.7211



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.0985, 26.1435, 6.6808



25.8411, 45.3508, 8.5257



14.0040, 25.0187, 8.6203



6.7523, 7.5050, 7.0784



11.0325, 20.2242, 3.3222



0.2401, 0.3837, 0.0614

Inverse Universe

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



14.6334, 8.2340, 32.7178



22.9137, 11.1897, 58.0789



19.5924, 10.9450, 25.9696



6.6854, 6.6418, 8.3363



9.5954, 4.3756, 26.2461



0.2149, 0.1006, 0.4713

Previews

White Background



This preview shows how the XYZ color 16.0979, 26.1424, 6.6802 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 16.0979, 26.1424, 6.6802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

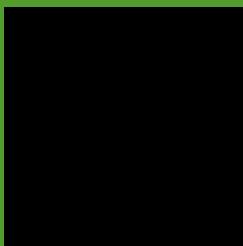
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.0979, 26.1424, 6.6802

Background



This preview shows how black text looks on a background with the XYZ color 16.0979, 26.1424, 6.6802.



This preview shows how white text looks on a background with the XYZ color 16.0979, 26.1424,

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

16.0979, 26.1424, 6.6802

Protanopia

23.3259, 25.6864, 5.7360

Deuteranopia

26.1507, 25.6531, 7.0633



Tritanopia

22.0848, 26.1608, 36.2333

Trichromacy



Original Color

16.0979, 26.1424, 6.6802

Protanomaly

19.7501, 25.3921, 6.0507

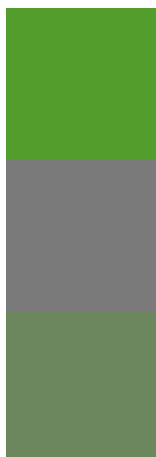
Deuteranomaly

20.9376, 24.8642, 6.8277

Tritanomaly

18.9968, 25.8505, 20.8180

Monochromacy



Original Color

16.0979, 26.1424, 6.6802

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.8687, 21.3242, 13.8166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0979, 26.1424, 6.6802 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(83, 157, 45)` looks like.

```
.text, #text, p{  
    color:rgb(83, 157, 45)  
}
```

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(83, 157, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 157, 45) }
```

Border

The CSS property to change the border of an element to XYZ 16.0979, 26.1424, 6.6802 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(83, 157, 45) }
```


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

```
.border{ border-color:rgb(83, 157, 45) }
```

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

Here you see how a box with a 4 pixel rgb(83, 157, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 157, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 157, 45);  
box-shadow:4px 4px 4px 4px rgb(83, 157,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0979, 26.1424, 6.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 157, 45) }
```

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

```
.background{ background-color: rgb(83, 157,  
45) }
```

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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