

Converting Colors

XYZ(16.5005, 26.3454, 6.9048)

Have a look what the booklet for
XYZ(16.5005, 26.3454, 6.9048)
contains.

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Color

**XYZ(16.5005, 26.3454,
6.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	579D2F
RGB	87, 157, 47
RGB Percent	34%, 62%, 18%
CMY	0.6588, 0.3843, 0.8157
CMYK	0.45, 0.00, 0.70, 0.38
HSL	98°, 54%, 40%
HSV	98°, 70%, 62%
XYZ	16.5005, 26.3454, 6.9048
YIQ	123.5300, -6.4100, -49.0500

Conversions

Conversions Part 2

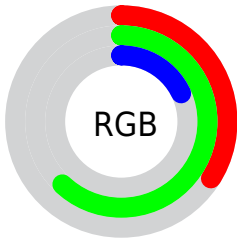
Format	Color
RYB	47, 157, 117
Decimal	5741871
CIELab	58.36, -41.61, 48.46
CIELCh	58, 63.868, 130.650
Yxy	26.3454, 0.3317, 0.5295
Android (android.graphics.Color)	4283931951 (0xFF579D2F)
YUV	123.5300, -37.7293, -32.0368
Hunter-Lab	51.3278, -32.4406, 27.9535

Details

The XYZ color **16.5005, 26.3454, 6.9048** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.4398, 8.2501, 32.7311**, and the grayscale version is **19.1254, 20.1214, 21.9122**.

A 20% lighter version of the original color is **36.9509, 53.7386, 20.2294**, and **5.5305, 10.3500, 1.7063** is the 20% darker color. If you saturate the color by 10%, you get **15.3701, 25.7937, 5.4860**, and if you desaturate by 10%, it is **17.8753, 27.0115, 8.9310**.

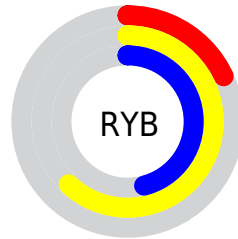
Distribution



Red (34%)

Green (62%)

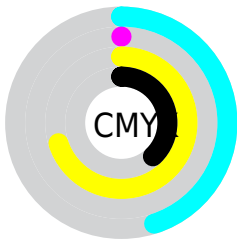
Blue (18%)



Red (18%)

Yellow (62%)

Blue (46%)

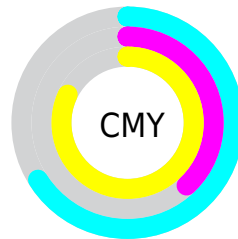


Cyan (45%)

Magenta (0%)

Yellow (70%)

Black (38%)



Cyan (66%)

Magenta (38%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5005, 26.3454, 6.9048 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 16.5005, 26.3454, 6.9048 by changing the saturation by 10% instead.


 16.5005, 26.3454,
6.9048


 16.5005, 26.3454,
6.9048


225.4900,
284.4735, 176.4711


 9.9721, 17.0822,
3.3251


 37.0154, 53.8316,
20.2910


 5.4426, 10.2931,
1.2629


 51.7326, 72.8235,
30.9346


 2.5466, 5.5937,
0.0311

 69.9102, 95.8270,
44.7700

 0.9188, 2.5997,
0.0000

 91.9134, 123.2266,
62.2155

 0.0000, 0.9265,
0.0000

 118.1076,
155.4066, 83.6899

 0.0000, 0.0000,
0.0000

 148.8582,

192.7515, 109.6116

184.5306,
235.6457, 140.3991

■ 16.5005, 26.3454,
6.9048

■ 16.5005, 26.3454,
6.9048

■ 15.3701, 25.7937,
5.4860

■ 17.8753, 27.0115,
8.9310

■ 14.4640, 25.3452,
4.6046

■ 19.5086, 27.7957,
11.6208

■ 13.7498, 24.9875,
4.0984

■ 21.4153, 28.7052,
15.0262

■ 23.6087, 29.7460,
19.1934

■ 26.1012, 30.9235,
24.1648

■ 28.9041, 32.2426,
29.9796

■ 32.0284, 33.7083,
36.6744

■ 35.4845, 35.3251,
44.2838

■ 39.2820, 37.0974,
52.8404

Harmonies

Analogous

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



22.3749, 26.3454, 3.8150



16.5005, 26.3454, 6.9048



13.4063, 26.3454, 16.6969

Triad

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



16.5005, 26.3454, 6.9048



20.4010, 26.3454, 91.1211



42.8200, 26.3454, 21.4704

Complementary

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



16.5005, 26.3454, 6.9048



14.4398, 8.2501, 32.7311

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.



41.9850, 26.3454, 45.3635



16.5005, 26.3454, 6.9048



27.9098, 26.3454, 94.8072

Square

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



16.5005, 26.3454, 6.9048



15.3142, 26.3454, 66.6540



36.1119, 26.3454, 75.0517



38.2006, 26.3454, 8.8416

Rectangle

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



16.5005, 26.3454, 6.9048



12.8571, 26.3454, 29.1744



36.1119, 26.3454, 75.0517



43.1883, 26.3454, 28.2024

Sweetspot

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



16.5011, 26.3465, 6.9054



46.1115, 55.0808, 41.9936



20.7413, 20.0195, 5.4607



9.8901, 11.9991, 8.7238



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.



16.5011, 26.3465, 6.9054



26.5761, 45.7236, 8.8374



14.0904, 25.0637, 8.6052



6.7671, 7.5126, 7.0791



11.2046, 20.3129, 3.3302



0.2447, 0.3861, 0.0616

Inverse Universe

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



14.4398, 8.2501, 32.7311



22.5358, 11.1512, 58.0914



19.8297, 11.1649, 26.8338



6.6700, 6.6339, 8.3356



9.2451, 4.1951, 26.2297



0.2103, 0.0982, 0.4711

Previews

White Background



This preview shows how the XYZ color 16.5005, 26.3454, 6.9048 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 16.5005, 26.3454, 6.9048 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 16.5005, 26.3454, 6.9048

Background



This preview shows how black text looks on a background with the XYZ color 16.5005, 26.3454, 6.9048.



This preview shows how white text looks on a background with the XYZ color 16.5005, 26.3454,

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

16.5005, 26.3454, 6.9048

Protanopia

23.5063, 25.9913, 5.9684

Deuteranopia

26.5569, 26.0593, 7.3716



Tritanopia

22.4310, 26.3393, 36.2495

Trichromacy



Original Color

16.5005, 26.3454, 6.9048

Protanomaly

20.0936, 25.5649, 6.2583

Deuteranomaly

21.4709, 25.3538, 7.1303

Tritanomaly

19.3736, 26.0379, 21.1443

Monochromacy



Original Color

16.5005, 26.3454, 6.9048

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.4710, 21.8324, 14.3596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5005, 26.3454, 6.9048 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(87, 157, 47)` looks like.

```
.text, #text, p{  
    color:rgb(87, 157, 47)  
}
```

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(87, 157, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 157, 47) }
```

Border

The CSS property to change the border of an element to XYZ 16.5005, 26.3454, 6.9048 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(87, 157, 47) }
```


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

```
.border{ border-color:rgb(87, 157, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 157, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 157, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 157, 47);  
box-shadow:4px 4px 4px 4px rgb(87, 157,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5005, 26.3454, 6.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 157, 47) }
```

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

```
.background{ background-color: rgb(87, 157,  
47) }
```

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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