

Converting Colors

XYZ(19.0916, 26.9600, 5.8828)

Have a look what the booklet for
XYZ(19.0916, 26.9600, 5.8828)
contains.

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Color

**XYZ(19.0765, 26.9516,
5.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	749A24
RGB	116, 154, 36
RGB Percent	45%, 60%, 14%
CMY	0.5451, 0.3961, 0.8588
CMYK	0.25, 0.00, 0.77, 0.40
HSL	79°, 62%, 37%
HSV	79°, 77%, 60%
XYZ	19.0765, 26.9516, 5.8658
YIQ	129.1860, 15.2300, -44.7540

Conversions

Conversions Part 2

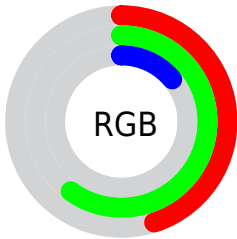
Format	Color
RYB	36, 154, 74
Decimal	7641636
CIELab	58.93, -30.23, 53.65
CIElCh	59, 61.582, 119.396
Yxy	26.9516, 0.3676, 0.5194
Android (android.graphics.Color)	4285831716 (0xFF749A24)
YUV	129.1860, -45.9407, -11.5641
Hunter-Lab	51.9149, -25.2601, 29.6414

Details

The XYZ color **19.0765, 26.9516, 5.8658** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.2888, 5.0514, 31.0589**, and the grayscale version is **21.0846, 22.1827, 24.1569**.

A 20% lighter version of the original color is **41.4405, 54.9970, 18.1042**, and **6.9001, 10.7573, 1.7127** is the 20% darker color. If you saturate the color by 10%, you get **18.2485, 26.5472, 4.8527**, and if you desaturate by 10%, it is **20.0422, 27.4171, 7.4147**.

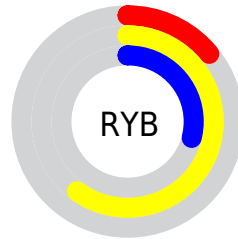
Distribution



Red (45%)

Green (60%)

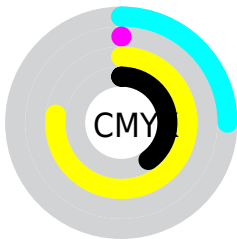
Blue (14%)



Red (14%)

Yellow (60%)

Blue (29%)

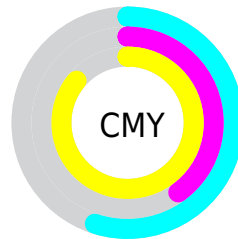


Cyan (25%)

Magenta (0%)

Yellow (77%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0765, 26.9516, 5.8658 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 19.0765, 26.9516, 5.8658 by changing the saturation by 10% instead.

■ 19.0765, 26.9516,
5.8658

■ 19.0765, 26.9516,
5.8658

239.8008,
287.4227, 167.1317

■ 11.8299, 17.5369,
2.6962

■ 41.3792, 54.8062,
18.1245

■ 6.6993, 10.6180,
0.9415

■ 57.1660, 74.0148,
28.0507

■ 3.3194, 5.8106,
0.0000

■ 76.5303, 97.2569,
41.0662

■ 1.3249, 2.7303,
0.0000

■ 99.8373, 124.9169,
57.5895

■ 0.2017, 0.9926,
0.0000

■ 127.4526,
157.3790, 78.0392

■ 0.0000, 0.0000,
0.0000

■ 159.7413,

195.0278, 102.8337

197.0689,
238.2475, 132.3917

■ 19.0765, 26.9516,
5.8658

■ 19.0765, 26.9516,
5.8658

■ 18.2485, 26.5472,
4.8527

■ 20.0422, 27.4171,
7.4147

■ 17.5380, 26.1929,
4.2808

■ 21.1558, 27.9448,
9.5585

■ 17.3121, 26.0797,
4.1214

■ 22.4285, 28.5404,
12.3505

■ 23.8696, 29.2077,
15.8376

■ 25.4877, 29.9500,
20.0623

■ 27.2907, 30.7707,
25.0637

■ 29.2861, 31.6727,
30.8783

■ 31.4806, 32.6588,
37.5400

■ 33.8810, 33.7319,
45.0810

Harmonies

Analogous

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



25.7716, 26.9516, 4.2064



19.0765, 26.9516, 5.8658



14.9612, 26.9516, 12.7462

Triad

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



19.0765, 26.9516, 5.8658



18.8574, 26.9516, 82.3114



43.2402, 26.9516, 29.7906

Complementary

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



19.0765, 26.9516, 5.8658



9.2888, 5.0514, 31.0589

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.



40.4117, 26.9516, 56.3149



19.0765, 26.9516, 5.8658



25.4624, 26.9516, 94.4887

Square

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



19.0765, 26.9516, 5.8658



14.8535, 26.9516, 55.1392



33.5031, 26.9516, 83.1950



40.6215, 26.9516, 13.1910

Rectangle

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



19.0765, 26.9516, 5.8658



13.7445, 26.9516, 22.2806



33.5031, 26.9516, 83.1950



42.8875, 26.9516, 37.7657

Sweetspot

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



19.0771, 26.9528, 5.8664



47.2960, 54.8592, 39.1578



16.0526, 11.8118, 3.1033



10.4628, 12.3065, 8.2040



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.



19.0771, 26.9528, 5.8664



32.2002, 47.7507, 8.0144



13.5987, 24.1285, 5.6100



6.5154, 7.1231, 6.6373



14.1422, 21.2665, 3.3595



0.2489, 0.3373, 0.0520

Inverse Universe

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



9.2888, 5.0514, 31.0589



13.7478, 6.1409, 55.9970



16.0378, 8.5307, 31.3748



6.0625, 6.1181, 7.7904



5.8418, 2.4626, 25.0751



0.1224, 0.0549, 0.3765

Previews

White Background



This preview shows how the XYZ color 19.0765, 26.9516, 5.8658 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 19.0765, 26.9516, 5.8658 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 19.0765, 26.9516, 5.8658

Background



This preview shows how black text looks on a background with the XYZ color 19.0765, 26.9516, 5.8658.



This preview shows how white text looks on a background with the XYZ color 19.0765, 26.9516,

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

19.0765, 26.9516, 5.8658

Protanopia

24.2456, 26.8267, 5.3390

Deuteranopia

27.1302, 26.5868, 6.1845



Tritanopia

24.9429, 26.9802, 34.9034

Trichromacy



Original Color

19.0765, 26.9516, 5.8658

Protanomaly

21.8953, 26.5129, 5.4769

Deuteranomaly

23.4604, 26.1855, 6.0083

Tritanomaly

21.8267, 26.6347, 19.3199

Monochromacy



Original Color

19.0765, 26.9516, 5.8658

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.4662, 23.2883, 14.2956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0765, 26.9516, 5.8658 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(116, 154, 36)` looks like.

```
.text, #text, p{  
    color:rgb(116, 154, 36)  
}
```

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(116, 154, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 154, 36) }
```

Border

The CSS property to change the border of an element to XYZ 19.0765, 26.9516, 5.8658 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(116, 154, 36) }
```


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

```
.border{ border-color:rgb(116, 154, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 154, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 154, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 154, 36);  
box-shadow:4px 4px 4px 4px rgb(116, 154,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0765, 26.9516, 5.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 154, 36) }
```

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

```
.background{ background-color: rgb(116,  
154, 36) }
```

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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