

Converting Colors

XYZ(16.9255, 26.3736, 4.1986)

Have a look what the booklet for
XYZ(16.9255, 26.3736, 4.1986)
contains.

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Color

**XYZ(16.9255, 26.3736,
4.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	629C00
RGB	98, 156, 0
RGB Percent	38%, 61%, 0%
CMY	0.6157, 0.3882, 0.9999
CMYK	0.37, 0.00, 1.00, 0.39
HSL	82°, 100%, 31%
HSV	82°, 100%, 61%
XYZ	16.9255, 26.3736, 4.1986
YIQ	120.8740, 15.5080, -60.8120

Conversions

Conversions Part 2

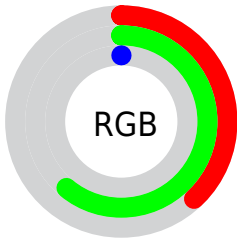
Format	Color
RYB	0, 156, 58
Decimal	6462464
CIELab	58.39, -39.35, 60.69
CIElCh	58, 72.328, 122.956
Yxy	26.3736, 0.3563, 0.5553
Android (android.graphics.Color)	4284652544 (0xFF629C00)
YUV	120.8740, -59.5909, -20.0605
Hunter-Lab	51.3552, -31.0422, 31.1013

Details

The XYZ color **16.9255, 26.3736, 4.1986** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.7472, 3.3008, 31.6828**, and the grayscale version is **18.3173, 19.2713, 20.9864**.

A 20% lighter version of the original color is **37.7904, 53.9264, 14.5480**, and **5.8648, 10.3720, 1.6929** is the 20% darker color. If you saturate the color by 10%, you get **16.9254, 26.3744, 4.1987**, and if you desaturate by 10%, it is **17.6655, 26.7455, 4.7066**.

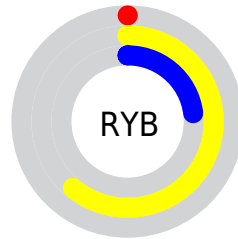
Distribution



Red (38%)

Green (61%)

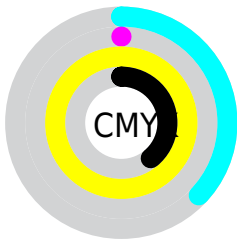
Blue (0%)



Red (0%)

Yellow (61%)

Blue (23%)

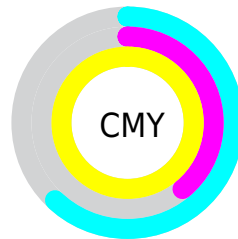


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (62%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9255, 26.3736, 4.1986 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 16.9255, 26.3736, 4.1986 by changing the saturation by 10% instead.

■ 16.9255, 26.3736,
4.1986

■ 16.9255, 26.3736,
4.1986

227.9073,
284.6113, 150.4079

■ 10.2764, 17.1033,
1.7349

■ 37.7423, 53.8770,
14.4653

■ 5.6462, 10.3082,
0.3845

■ 52.6406, 72.8790,
23.1053

■ 2.6698, 5.6038,
0.0000

■ 71.0194, 95.8937,
34.6412

■ 0.9817, 2.6057,
0.0000

■ 93.2439, 123.3054,
49.4916


■ 0.0000, 0.9295,
0.0000


■ 119.6797,
155.4987, 68.0749


■ 0.0000, 0.0000,
0.0000


■ 150.6919,


192.8578, 90.8097


 186.6460,
235.7672, 118.1145


 16.9255, 26.3736,
4.1986


 16.9255, 26.3736,
4.1986


 16.9254, 26.3744,
4.1987

 17.6655, 26.7455,
4.7066

 18.5202, 27.1676,
5.5790

 19.5217, 27.6540,
6.9788

 20.6837, 28.2101,
8.9725

 22.0178, 28.8407,
11.6172

■ 23.5344, 29.5501,
14.9631

■ 25.2429, 30.3420,
19.0556

■ 27.1519, 31.2201,
23.9361

■ 29.2695, 32.1876,
29.6430

Harmonies

Analogous

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



24.2028, 26.3736, 2.3936



16.9255, 26.3736, 4.1986



12.7910, 26.3736, 11.8069

Triad

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



16.9255, 26.3736, 4.1986



18.1184, 26.3736, 97.3567



46.1108, 26.3736, 26.2836

Complementary

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



16.9255, 26.3736, 4.1986



7.7472, 3.3008, 31.6828

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.



43.4143, 26.3736, 56.9534



16.9255, 26.3736, 4.1986



25.9522, 26.3736, 109.6861

Square

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



16.9255, 26.3736, 4.1986



13.3577, 26.3736, 64.0804



35.4738, 26.3736, 91.8124



42.1651, 26.3736, 9.5668

Rectangle

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



16.9255, 26.3736, 4.1986



11.7197, 26.3736, 23.1609



35.4738, 26.3736, 91.8124



45.9526, 26.3736, 35.0959

Sweetspot

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



16.9261, 26.3748, 4.1992



45.6488, 55.0160, 34.1204



15.1846, 10.0154, 1.1333



9.7710, 11.9793, 6.8409



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.



16.9261, 26.3748, 4.1992



30.5166, 47.7861, 7.6152



12.1944, 23.9355, 3.9777



6.9309, 7.5970, 7.0867



13.9798, 21.7436, 3.4601



0.2954, 0.4122, 0.0640

Inverse Universe

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



7.7472, 3.3008, 31.6828



13.8682, 5.8903, 57.5327



16.0259, 7.5687, 32.0702



6.5061, 6.5494, 8.3279



6.4162, 2.7367, 26.0973



0.1596, 0.0721, 0.4687

Previews

White Background



This preview shows how the XYZ color 16.9255, 26.3736, 4.1986 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 16.9255, 26.3736, 4.1986 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 16.9255, 26.3736, 4.1986

Background



This preview shows how black text looks on a background with the XYZ color 16.9255, 26.3736, 4.1986.



This preview shows how white text looks on a background with the XYZ color 16.9255, 26.3736,

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

16.9255, 26.3736, 4.1986

Protanopia

23.4786, 26.0253, 3.7859

Deuteranopia

26.5393, 26.1041, 4.9361



Tritanopia

23.2814, 26.3300, 35.7534

Trichromacy



Original Color

16.9255, 26.3736, 4.1986

Protanomaly

20.4322, 25.7920, 3.9015

Deuteranomaly

21.8639, 25.3962, 4.4114

Tritanomaly

19.3544, 25.6662, 15.9906

Monochromacy



Original Color

16.9255, 26.3736, 4.1986

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.6747, 21.0967, 10.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9255, 26.3736, 4.1986 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(98, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 156, 0)  
}
```

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(98, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 156, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.9255, 26.3736, 4.1986 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(98, 156, 0) }
```


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

```
.border{ border-color:rgb(98, 156, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 156, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.9255, 26.3736, 4.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 156, 0) }
```

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

```
.background{ background-color: rgb(98, 156,  
0) }
```

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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