

Converting Colors

XYZ(18.7942, 25.9071, 2.6643)

Have a look what the booklet for
XYZ(18.7942, 25.9071, 2.6643)
contains.

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Color

**XYZ(19.0747, 26.0236,
4.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9600
RGB	123, 150, 0
RGB Percent	48%, 59%, 0%
CMY	0.5176, 0.4118, 1.0000
CMYK	0.18, 0.00, 1.00, 0.41
HSL	71°, 100%, 29%
HSV	71°, 100%, 59%
XYZ	19.0747, 26.0236, 4.0177
YIQ	124.8270, 32.0580, -52.3740

Conversions

Conversions Part 2

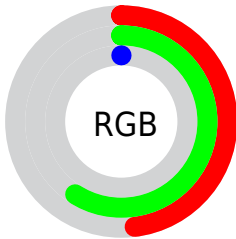
Format	Color
RYB	0, 150, 27
Decimal	8099328
CIELab	58.06, -26.49, 61.10
CIELCh	58, 66.598, 113.434
Yxy	26.0236, 0.3884, 0.5298
Android (android.graphics.Color)	4286289408 (0xFF7B9600)
YUV	124.8270, -61.5397, -1.6023
Hunter-Lab	51.0133, -22.5293, 31.0398

Details

The XYZ color **19.0747, 26.0236, 4.0177** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.9578, 2.4356, 29.0118**, and the grayscale version is **19.6287, 20.6509, 22.4889**.

A 20% lighter version of the original color is **41.3206, 53.2244, 14.0567**, and **6.9161, 10.1889, 1.6021** is the 20% darker color. If you saturate the color by 10%, you get **19.0749, 26.0246, 4.0179**, and if you desaturate by 10%, it is **19.5533, 26.2612, 4.4907**.

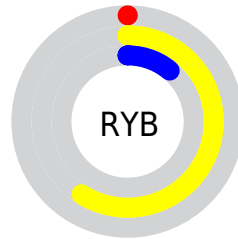
Distribution



Red (48%)

Green (59%)

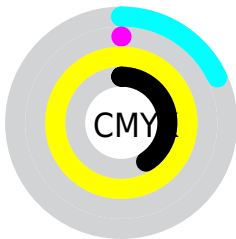
Blue (0%)



Red (0%)

Yellow (59%)

Blue (11%)

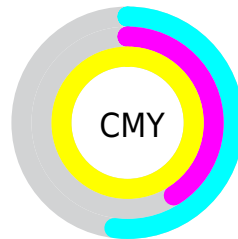


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (52%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0747, 26.0236, 4.0177 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 19.0747, 26.0236, 4.0177 by changing the saturation by 10% instead.

■ 19.0747, 26.0236,
4.0177

■ 19.0747, 26.0236,
4.0177

239.7910,
282.8979, 148.4219

■ 11.8286, 16.8413,
1.6351

■ 41.3762, 53.3130,
14.0506

■ 6.6984, 10.1214,
0.3157

■ 57.1623, 72.1889,
22.5379

■ 3.3189, 5.4795,
0.0000

■ 76.5257, 95.0648,
33.8971

■ 1.3245, 2.5313,
0.0000

■ 99.8319, 122.3251,
48.5469

■ 0.2015, 0.8922,
0.0000

■ 127.4462,
154.3541, 66.9057

■ 0.0000, 0.0000,
0.0000

■ 159.7339,

191.5364, 89.3921

197.0604,
234.2562, 116.4247

19.0747, 26.0236,
4.0177

19.0747, 26.0236,
4.0177

19.0749, 26.0246,
4.0179

19.5533, 26.2612,
4.4907

20.1039, 26.5280,
5.2899

20.7566, 26.8368,
6.5699

21.5229, 27.1923,
8.3910

22.4125, 27.5984,
10.8048

■ 23.4344, 28.0587,
13.8567

■ 24.5963, 28.5763,
17.5879

■ 25.9054, 29.1541,
22.0359

■ 27.3685, 29.7948,
27.2357

Harmonies

Analogous

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



26.5474, 26.0236, 3.1702



19.0747, 26.0236, 4.0177



14.2679, 26.0236, 9.2792

Triad

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



19.0747, 26.0236, 4.0177



16.6107, 26.0236, 80.9447



43.5217, 26.0236, 33.7133

Complementary

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



19.0747, 26.0236, 4.0177



5.9578, 2.4356, 29.0118

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.



39.3682, 26.0236, 63.8055



19.0747, 26.0236, 4.0177



23.0064, 26.0236, 99.1439

Square

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



19.0747, 26.0236, 4.0177



13.0761, 26.0236, 49.8776



31.4162, 26.0236, 91.5865



41.8310, 26.0236, 14.1076

Rectangle

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



19.0747, 26.0236, 4.0177



12.6657, 26.0236, 17.4809



31.4162, 26.0236, 91.5865



42.7379, 26.0236, 42.9493

Sweetspot

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



19.0753, 26.0248, 4.0182



43.2748, 50.3706, 30.6077



12.9263, 7.1801, 0.7049



9.4124, 11.0838, 6.2030



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.0753, 26.0248, 4.0182



33.5273, 45.8562, 7.0841



12.2228, 22.4922, 3.6976



6.1641, 6.6924, 6.2073



15.8438, 21.5957, 3.3333



0.2154, 0.2754, 0.0418

Inverse Universe

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



5.9578, 2.4356, 29.0118



10.4046, 4.2415, 51.1916



10.7617, 4.9121, 29.2366



5.5911, 5.6802, 7.2714



4.9615, 2.0303, 24.0614



0.0789, 0.0342, 0.2953

Previews

White Background



This preview shows how the XYZ color 19.0747, 26.0236, 4.0177 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 19.0747, 26.0236, 4.0177 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 19.0747, 26.0236, 4.0177

Background



This preview shows how black text looks on a background with the XYZ color 19.0747, 26.0236, 4.0177.



This preview shows how white text looks on a background with the XYZ color 19.0747, 26.0236,

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

19.0747, 26.0236, 4.0177

Protanopia

23.2827, 25.9243, 3.7768

Deuteranopia

26.3536, 25.8118, 4.6301



Tritanopia

24.7293, 25.8181, 32.5342

Trichromacy



Original Color

19.0747, 26.0236, 4.0177

Protanomaly

21.6503, 25.9663, 3.8709

Deuteranomaly

23.2384, 25.6738, 4.2611

Tritanomaly

21.2481, 25.2964, 14.5893

Monochromacy



Original Color

19.0747, 26.0236, 4.0177

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.2852, 21.9145, 10.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0747, 26.0236, 4.0177 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(123, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 150, 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(123, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.0747, 26.0236, 4.0177 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(123, 150, 0) }
```


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

```
.border{ border-color:rgb(123, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(123, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 150,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0747, 26.0236, 4.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 150, 0) }
```

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

```
.background{ background-color: rgb(123,  
150, 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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