

Converting Colors

XYZ(19.2955, 26.2452, 4.0488)

Have a look what the booklet for
XYZ(19.2955, 26.2452, 4.0488)
contains.

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Color

**XYZ(19.2185, 26.0978,
4.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9600
RGB	124, 150, 0
RGB Percent	49%, 59%, 0%
CMY	0.5137, 0.4117, 0.9999
CMYK	0.17, 0.00, 1.00, 0.41
HSL	70°, 100%, 29%
HSV	70°, 100%, 59%
XYZ	19.2185, 26.0978, 4.0245
YIQ	125.1260, 32.6540, -52.1620

Conversions

Conversions Part 2

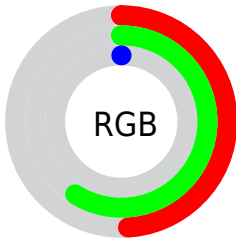
Format	Color
RYB	0, 150, 26
Decimal	8164864
CIELab	58.13, -26.05, 61.19
CIELCh	58, 66.505, 113.065
Yxy	26.0978, 0.3895, 0.5289
Android (android.graphics.Color)	4286354944 (0xFF7C9600)
YUV	125.1260, -61.6871, -0.9875
Hunter-Lab	51.0860, -22.2490, 31.0894

Details

The XYZ color **19.2185, 26.0978, 4.0245** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.9320, 2.4223, 29.0107**, and the grayscale version is **19.7303, 20.7578, 22.6053**.

A 20% lighter version of the original color is **41.5526, 53.3440, 14.0676**, and **6.9876, 10.2258, 1.6055** is the 20% darker color. If you saturate the color by 10%, you get **19.2187, 26.0988, 4.0246**, and if you desaturate by 10%, it is **19.6862, 26.3298, 4.4971**.

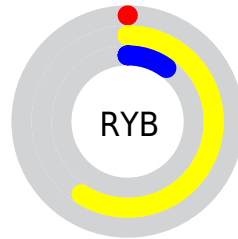
Distribution



Red (49%)

Green (59%)

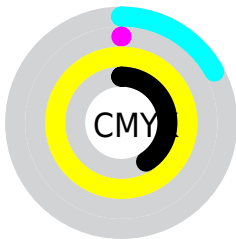
Blue (0%)



Red (0%)

Yellow (59%)

Blue (10%)

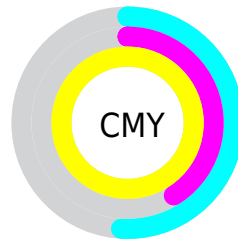


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (51%)


Magenta (41%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2185, 26.0978, 4.0245 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 19.2185, 26.0978, 4.0245 by changing the saturation by 10% instead.


 19.2185, 26.0978,
4.0245


 19.2185, 26.0978,
4.0245

240.5674,
283.2618, 148.4973


 11.9332, 16.8968,
1.6388


 41.6170, 53.4327,
14.0662

 6.7701, 10.1610,
0.3183


 57.4609, 72.3354,
22.5593


 3.3638, 5.5058,
0.0000

 76.8885, 95.2407,
33.9253

 1.3489, 2.5470,
0.0000

 100.2649,
122.5332, 48.5827

 0.2194, 0.9001,
0.0000

 127.9557,
154.5972, 66.9501

 0.0000, 0.0000,
0.0000

 160.3261,

191.8170, 89.4459

197.7416,
234.5771, 116.4888

19.2185, 26.0978,
4.0245

19.2185, 26.0978,
4.0245

19.2187, 26.0988,
4.0246

19.6862, 26.3298,
4.4971

20.2253, 26.5906,
5.2958

20.8656, 26.8930,
6.5753

21.6187, 27.2418,
8.3958

22.4945, 27.6407,
10.8090

■ 23.5016, 28.0934,
13.8603

■ 24.6480, 28.6030,
17.5909

■ 25.9408, 29.1724,
22.0383

■ 27.3868, 29.8043,
27.2374

Harmonies

Analogous

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



26.7227, 26.0978, 3.2112



19.2185, 26.0978, 4.0245



14.3703, 26.0978, 9.2267

Triad

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



19.2185, 26.0978, 4.0245



16.6135, 26.0978, 80.6637



43.5760, 26.0978, 34.1156

Complementary

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



19.2185, 26.0978, 4.0245



5.9320, 2.4223, 29.0107

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.



39.3594, 26.0978, 64.2745



19.2185, 26.0978, 4.0245



22.9816, 26.0978, 99.1108

Square

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



19.2185, 26.0978, 4.0245



13.1095, 26.0978, 49.5779



31.3815, 26.0978, 91.8850



41.9588, 26.0978, 14.3396

Rectangle

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



19.2185, 26.0978, 4.0245



12.7426, 26.0978, 17.3546



31.3815, 26.0978, 91.8850



42.7681, 26.0978, 43.3944

Sweetspot

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



19.2191, 26.0990, 4.0250



43.3672, 50.4183, 30.6121



12.9264, 7.1802, 0.7050



9.4352, 11.0955, 6.2041



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.



19.2191, 26.0990, 4.0250



33.7845, 45.9888, 7.0961



12.2229, 22.4923, 3.6976



6.1678, 6.6943, 6.2075



15.9623, 21.6567, 3.3389



0.2163, 0.2758, 0.0418

Inverse Universe

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



5.9320, 2.4223, 29.0107



10.3617, 4.2194, 51.1895



10.7618, 4.9122, 29.2367



5.5877, 5.6784, 7.2713



4.9394, 2.0189, 24.0604



0.0780, 0.0338, 0.2953

Previews

White Background



This preview shows how the XYZ color 19.2185, 26.0978, 4.0245 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 19.2185, 26.0978, 4.0245 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 19.2185, 26.0978, 4.0245

Background



This preview shows how black text looks on a background with the XYZ color 19.2185, 26.0978, 4.0245.



This preview shows how white text looks on a background with the XYZ color 19.2185, 26.0978,

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

19.2185, 26.0978, 4.0245

Deuteranopia

26.3422, 25.8072, 4.5702

Tritanopia

24.8910, 25.9015, 32.5418

Trichromacy



Original Color

19.2185, 26.0978, 4.0245

Deuteranomaly

23.2384, 25.6738, 4.2611

Tritanomaly

21.4037, 25.3767, 14.5966

Monochromacy



Original Color

19.2185, 26.0978, 4.0245

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.4305, 21.9894, 10.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2185, 26.0978, 4.0245 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(124, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2185, 26.0978, 4.0245 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(124, 150, 0) }
```

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

```
.border{ border-color:rgb(124, 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(124, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 150,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 19.2185, 26.0978, 4.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 150, 0) }
```

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

```
.background{ background-color: rgb(124,  
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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