

Converting Colors

XYZ(18.8666, 26.3850, 1.8483)

Have a look what the booklet for
XYZ(18.8666, 26.3850, 1.8483)
contains.

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Color

**XYZ(19.3966, 26.6674,
4.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9800
RGB	123, 152, 0
RGB Percent	48%, 60%, 0%
CMY	0.5176, 0.4039, 1.0000
CMYK	0.19, 0.00, 1.00, 0.40
HSL	71°, 100%, 30%
HSV	71°, 100%, 60%
XYZ	19.3966, 26.6674, 4.1250
YIQ	126.0010, 31.5080, -53.4200

Conversions

Conversions Part 2

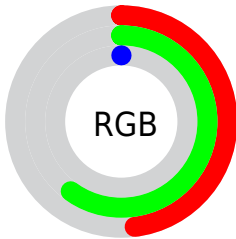
Format	Color
RYB	0, 152, 29
Decimal	8099840
CIELab	58.67, -27.46, 61.56
CIELCh	59, 67.408, 114.039
Yxy	26.6674, 0.3865, 0.5313
Android (android.graphics.Color)	4286289920 (0xFF7B9800)
YUV	126.0010, -62.1185, -2.6319
Hunter-Lab	51.6405, -23.3248, 31.4123

Details

The XYZ color **19.3966, 26.6674, 4.1250** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.1751, 2.5288, 29.8700**, and the grayscale version is **20.0298, 21.0729, 22.9484**.

A 20% lighter version of the original color is **41.7990, 54.1813, 14.2162**, and **7.1079, 10.5726, 1.6661** is the 20% darker color. If you saturate the color by 10%, you get **19.3968, 26.6684, 4.1252**, and if you desaturate by 10%, it is **19.9060, 26.9208, 4.6070**.

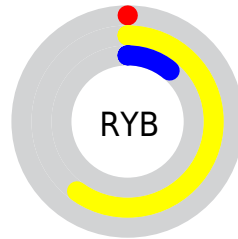
Distribution



Red (48%)

Green (60%)

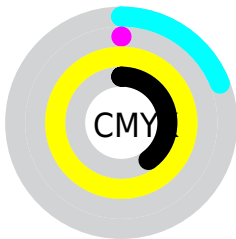
Blue (0%)



Red (0%)

Yellow (60%)

Blue (11%)

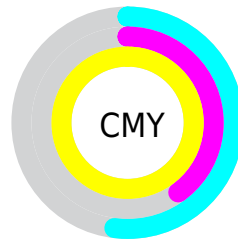


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3966, 26.6674, 4.1250 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 19.3966, 26.6674, 4.1250 by changing the saturation by 10% instead.

■ 19.3966, 26.6674,
4.1250

■ 19.3966, 26.6674,
4.1250

241.5259,
286.0431, 149.6048

■ 12.0629, 17.3236,
1.6942

■ 41.9149, 54.3497,
14.2970

■ 6.8590, 10.4655,
0.3567

■ 57.8302, 73.4570,
22.8753

■ 3.4196, 5.7087,
0.0000

■ 77.3368, 96.5875,
34.3398

■ 1.3794, 2.6687,
0.0000

■ 100.8000,
124.1257, 49.1091


■ 0.2415, 0.9613,
0.0000


■ 128.5851,
156.4560, 67.6017


■ 0.0000, 0.0000,
0.0000


■ 161.0576,


193.9627, 90.2362


 198.5827,
237.0303, 117.4310


 19.3966, 26.6674,
4.1250


 19.3966, 26.6674,
4.1250


 19.3968, 26.6684,
4.1252

 19.9060, 26.9208,
4.6070

 20.4915, 27.2051,
5.4272

 21.1835, 27.5334,
6.7430

 21.9939, 27.9105,
8.6167

 22.9330, 28.3406,
11.1016

■ 24.0097, 28.8273,
14.2448

■ 25.2324, 29.3737,
18.0888

■ 26.6083, 29.9830,
22.6724

■ 28.1446, 30.6580,
28.0317

Harmonies

Analogous

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



27.0369, 26.6674, 3.1953



19.3966, 26.6674, 4.1250



14.5174, 26.6674, 9.6430

Triad

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



19.3966, 26.6674, 4.1250



17.0971, 26.6674, 83.8138



44.7160, 26.6674, 34.0356

Complementary

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



19.3966, 26.6674, 4.1250



6.1751, 2.5288, 29.8700

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.



40.5467, 26.6674, 64.9020



19.3966, 26.6674, 4.1250



23.7282, 26.6674, 102.1297

Square

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



19.3966, 26.6674, 4.1250



13.4062, 26.6674, 51.8618



32.4036, 26.6674, 93.7887



42.8515, 26.6674, 14.1373

Rectangle

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



19.3966, 26.6674, 4.1250



12.9106, 26.6674, 18.2128



32.4036, 26.6674, 93.7887



43.9497, 26.6674, 43.4718

Sweetspot

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



19.3972, 26.6686, 4.1256



44.4003, 51.7848, 31.4899



13.3620, 7.5005, 0.7438



9.8956, 11.6826, 6.5316



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.3972, 26.6686, 4.1256



34.0935, 46.9967, 7.2744



12.4546, 23.0895, 3.8007



6.5933, 7.1633, 6.6410



16.2875, 22.3724, 3.4599



0.2699, 0.3481, 0.0530

Inverse Universe

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



6.1751, 2.5288, 29.8700



10.7836, 4.4035, 52.7153



11.3621, 5.2028, 30.1127



5.9891, 6.0802, 7.7869



5.1979, 2.1306, 25.0450



0.1015, 0.0441, 0.3755

Previews

White Background



This preview shows how the XYZ color 19.3966, 26.6674, 4.1250 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 19.3966, 26.6674, 4.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

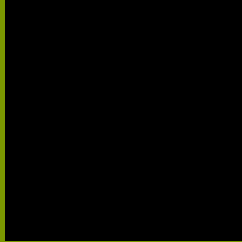
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3966, 26.6674, 4.1250

Background



This preview shows how black text looks on a background with the XYZ color 19.3966, 26.6674, 4.1250.



This preview shows how white text looks on a background with the XYZ color 19.3966, 26.6674,

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

19.3966, 26.6674, 4.1250

Protanopia

23.8230, 26.4207, 3.8441

Deuteranopia

27.0830, 26.5943, 4.7427



Tritanopia

25.3457, 26.5510, 33.4948

Trichromacy



Original Color

19.3966, 26.6674, 4.1250

Protanomaly

21.9795, 26.3618, 3.9299

Deuteranomaly

23.7266, 26.3593, 4.3676

Tritanomaly

21.6431, 25.9392, 15.1753

Monochromacy



Original Color

19.3966, 26.6674, 4.1250

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.5694, 22.2671, 10.9087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3966, 26.6674, 4.1250 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, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 152, 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, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 152, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.3966, 26.6674, 4.1250 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, 152, 0) }
```


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

```
.border{ border-color:rgb(123, 152, 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, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 152,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3966, 26.6674, 4.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 152, 0) }
```

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

```
.background{ background-color: rgb(123,  
152, 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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