

Converting Colors

XYZ(26.3738, 41.9238, 17.9876)

Have a look what the booklet for
XYZ(26.3738, 41.9238, 17.9876)
contains.

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Color

**XYZ(26.3792, 41.9880,
18.0234)**

Conversions

Conversions Part 1

Format	Color
Hex	61C261
RGB	97, 194, 97
RGB Percent	38%, 76%, 38%
CMY	0.6196, 0.2392, 0.6196
CMYK	0.50, 0.00, 0.50, 0.24
HSL	120°, 44%, 57%
HSV	120°, 50%, 76%
XYZ	26.3792, 41.9880, 18.0234
YIQ	153.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

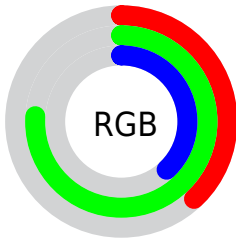
Format	Color
RYB	97, 194, 194
Decimal	6406753
CIELab	70.86, -48.26, 39.95
CIElCh	71, 62.652, 140.384
Yxy	41.9880, 0.3053, 0.4860
Android (android.graphics.Color)	4284596833 (0xFF61C261)
YUV	153.9390, -28.0709, -49.9355
Hunter-Lab	64.7981, -40.7298, 28.8674

Details

The XYZ color **26.3792, 41.9880, 18.0234** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **36.2616, 23.9145, 53.7448**, and the grayscale version is **30.8169, 32.4218, 35.3074**.

A 20% lighter version of the original color is **53.2484, 78.0343, 40.6894**, and **10.4388, 19.0278, 5.8119** is the 20% darker color. If you saturate the color by 10%, you get **23.7628, 40.7325, 13.7430**, and if you desaturate by 10%, it is **29.7244, 43.5961, 23.4943**.

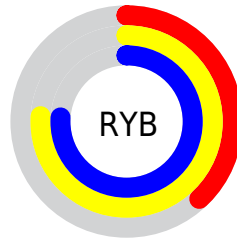
Distribution



Red (38%)

Green (76%)

Blue (38%)



Red (38%)

Yellow (76%)

Blue (76%)

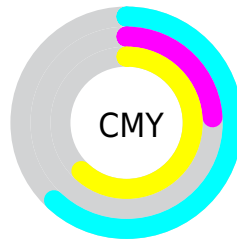


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (24%)



Cyan (62%)

Magenta (24%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3792, 41.9880, 18.0234 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 26.3792, 41.9880, 18.0234 by changing the saturation by 10% instead.

■ 26.3792, 41.9880,
18.0234

■ 26.3792, 41.9880,
18.0234

276.8613,
354.4332, 253.2434

■ 17.2417, 29.0919,
10.7972

■ 53.3130, 78.1815,
40.8917

■ 10.5033, 19.1503,
5.8182

■ 71.8400, 102.2476,
57.3708

■ 5.7988, 11.7790,
2.6678

■ 94.2276, 130.8059,
77.7713

■ 2.7626, 6.5934,
0.9272

■ 120.8411,
164.2407, 102.5117

■ 1.0295, 3.2091,
0.0000

152.0459,
202.9365, 132.0106

■ 0.0000, 1.2419,
0.0000

188.2073,

■ 0.0000, 0.0955,

247.2775, 166.6865

0.0000

229.6906,
297.6483, 206.9579

■ 0.0000, 0.0000,
0.0000

■ 26.3792, 41.9880,
18.0234

■ 26.3792, 41.9880,
18.0234

■ 23.7628, 40.7325,
13.7430

■ 29.7244, 43.5961,
23.4943

■ 21.8181, 39.7983,
10.5620

■ 33.8436, 45.5748,
30.2321

■ 20.4847, 39.1578,
8.3809

■ 38.7824, 47.9471,
38.3103

■ 19.6900, 38.7761,
7.0810

■ 44.5815, 50.7328,
47.7958

■ 19.2926, 38.5852,
6.4310

■ 51.2793, 53.9500,
58.7511

■ 58.9116, 57.6162,
71.2351

■ 67.5125, 61.7477,
85.3032

■ 77.1141, 66.3598,
101.0082

■ 78.5826, 67.0652,
103.4109

Harmonies

Analogous

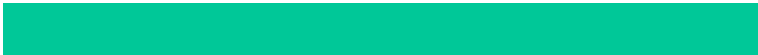
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3291, 41.9880, 10.2680



26.3792, 41.9880, 18.0234



23.2352, 41.9880, 36.7871

Triad

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



26.3792, 41.9880, 18.0234



36.6542, 41.9880, 128.8295



61.7879, 41.9880, 28.5038

Complementary

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



26.3792, 41.9880, 18.0234



36.2616, 23.9145, 53.7448

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.



63.0993, 41.9880, 55.9881



26.3792, 41.9880, 18.0234



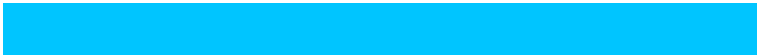
47.3009, 41.9880, 123.3498

Square

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



26.3792, 41.9880, 18.0234



28.4482, 41.9880, 105.6905



57.4162, 41.9880, 92.9310



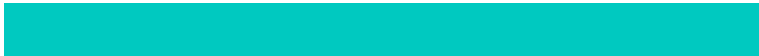
54.0947, 41.9880, 14.2323

Rectangle

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



26.3792, 41.9880, 18.0234



23.2677, 41.9880, 56.8585



57.4162, 41.9880, 92.9310



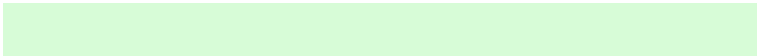
63.0361, 41.9880, 36.1365

Sweetspot

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



26.3802, 41.9898, 18.0243



75.0660, 89.1726, 77.2652



43.6994, 50.9181, 18.8344



15.9538, 19.2950, 16.1272



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.3802, 41.9898, 18.0243



42.6646, 73.6086, 24.2668



29.3721, 43.1865, 33.7793



9.9445, 11.2588, 10.7110



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



36.2616, 23.9145, 53.7448



62.6014, 37.1397, 96.3365



31.6735, 22.0792, 29.5839



10.4973, 10.2475, 12.7095



21.0294, 10.1015, 34.3966



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 26.3792, 41.9880, 18.0234 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.3792, 41.9880, 18.0234 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 ✓ Pass

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

XYZ 26.3792, 41.9880, 18.0234

Background



This preview shows how black text looks on a background with the XYZ color 26.3792, 41.9880, 18.0234.



This preview shows how white text looks on a background with the XYZ color 26.3792, 41.9880,

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

26.3792, 41.9880, 18.0234

Protanopia

37.8332, 41.1904, 15.6294

Deuteranopia

42.0686, 41.1057, 18.8136



Tritanopia

34.7343, 41.8661, 59.6764

Trichromacy



Original Color

26.3792, 41.9880, 18.0234



Protanomaly

32.0073, 40.5007, 16.4864



Deuteranomaly

33.8274, 39.9244, 18.2352



Tritanomaly

30.7589, 41.4934, 40.1061

Monochromacy



Original Color

26.3792, 41.9880, 18.0234



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.0945, 35.0559, 27.4760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3792, 41.9880, 18.0234 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(97, 194, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 194, 97)  
}
```

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(97, 194, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 194, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.3792, 41.9880, 18.0234 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(97, 194, 97) }
```


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

```
.border{ border-color:rgb(97, 194, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 194, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 194, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 194, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 194,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3792, 41.9880, 18.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 194, 97) }
```

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

```
.background{ background-color: rgb(97, 194,  
97) }
```

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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