

Converting Colors

XYZ(28.3060, 40.0918, 17.8019)

Have a look what the booklet for
XYZ(28.3060, 40.0918, 17.8019)
contains.

XYZ(28.3060, 40.0918, 17.8019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3060, 40.0918,
17.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB962
RGB	127, 185, 98
RGB Percent	50%, 73%, 38%
CMY	0.5020, 0.2745, 0.6157
CMYK	0.31, 0.00, 0.47, 0.27
HSL	100°, 38%, 55%
HSV	100°, 47%, 73%
XYZ	28.3060, 40.0918, 17.8019
YIQ	157.7400, -6.6410, -39.3530

Conversions

Conversions Part 2

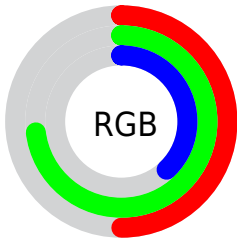
Format	Color
RYB	98, 185, 156
Decimal	8370530
CIELab	69.53, -34.78, 38.11
CIElCh	70, 51.599, 132.386
Yxy	40.0918, 0.3284, 0.4651
Android (android.graphics.Color)	4286560610 (0xFF7FB962)
YUV	157.7400, -29.4518, -26.9590
Hunter-Lab	63.3181, -31.0092, 27.6533

Details

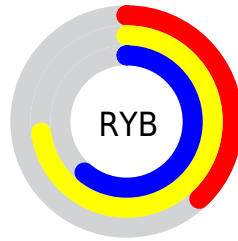
The XYZ color **28.3060, 40.0918, 17.8019** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **26.8367, 19.3073, 48.2133**, and the grayscale version is **32.5138, 34.2071, 37.2515**.

A 20% lighter version of the original color is **56.2517, 75.0577, 40.3770**, and **11.4738, 17.9018, 5.6470** is the 20% darker color. If you saturate the color by 10%, you get **25.8059, 38.8937, 13.6404**, and if you desaturate by 10%, it is **31.2349, 41.4901, 23.0389**.

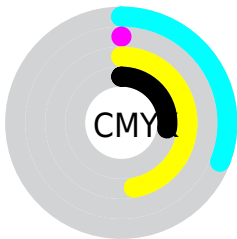
Distribution



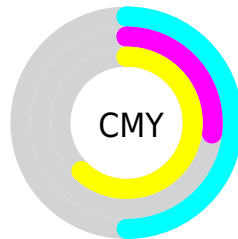
- Red (50%)
- Green (73%)
- Blue (38%)



- Red (38%)
- Yellow (73%)
- Blue (61%)



- Cyan (31%)
- Magenta (0%)
- Yellow (47%)
- Black (27%)



- Cyan (50%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3060, 40.0918, 17.8019 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 28.3060, 40.0918, 17.8019 by changing the saturation by 10% instead.

■ 28.3060, 40.0918,
17.8019

■ 28.3060, 40.0918,
17.8019

285.9799,
346.5103, 251.9506

■ 18.6981, 27.6101,
10.6399

■ 56.3778, 75.3033,
40.5088

■ 11.5550, 18.0320,
5.7141

■ 75.5725, 98.8019,
56.8909

■ 6.5115, 10.9729,
2.6061

■ 98.6934, 126.7416,
77.1833

■ 3.2021, 6.0486,
0.8956

■ 126.1060,
159.5068, 101.8047

■ 1.2615, 2.8747,
0.0000

158.1756,
197.4818, 131.1736

■ 0.1541, 1.0667,
0.0000

195.2675,

■ 0.0000, 0.0000,

241.0512, 165.7085

0.0000

237.7471,
290.5992, 205.8280

■ 28.3060, 40.0918,
17.8019

■ 28.3060, 40.0918,
17.8019

■ 25.8059, 38.8937,
13.6404

■ 31.2349, 41.4901,
23.0389

■ 23.7094, 37.8807,
10.4772

■ 34.6102, 43.0924,
29.4164

■ 21.9930, 37.0439,
8.2289


■ 38.4517, 44.9090,
36.9972

■ 20.6291, 36.3711,
6.7973


■ 42.7774, 46.9477,
45.8390


■ 19.5818, 35.8467,
6.0450

■ 47.6041, 49.2162,
55.9954

 19.3153, 35.7128,
5.8752

 52.9478, 51.7215,
67.5173

 58.8239, 54.4705,
80.4527

 65.2469, 57.4697,
94.8472

 70.6622, 60.0980,
102.4835

Harmonies

Analogous

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



34.7761, 40.0918, 12.4509



28.3060, 40.0918, 17.8019



24.8004, 40.0918, 31.2040

Triad

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



28.3060, 40.0918, 17.8019



33.4668, 40.0918, 103.5095



55.9666, 40.0918, 34.5436

Complementary

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



28.3060, 40.0918, 17.8019



26.8367, 19.3073, 48.2133

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.



55.4800, 40.0918, 59.0383



28.3060, 40.0918, 17.8019



41.6420, 40.0918, 105.4447

Square

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



28.3060, 40.0918, 17.8019



27.4681, 40.0918, 82.4011



49.9413, 40.0918, 86.9974



51.1872, 40.0918, 19.4769

Rectangle

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



28.3060, 40.0918, 17.8019



24.2516, 40.0918, 45.5890



49.9413, 40.0918, 86.9974



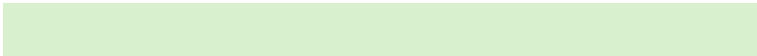
56.4311, 40.0918, 41.7729

Sweetspot

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



28.3070, 40.0935, 17.8028



70.9423, 81.4087, 70.4574



34.1023, 34.9748, 16.5093



14.9490, 17.3874, 14.4921



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.3070, 40.0935, 17.8028



46.2618, 69.6771, 24.5018



25.3398, 38.4775, 21.5677



9.1649, 10.2016, 9.5930



13.2213, 24.3522, 4.0036



0.5335, 0.8932, 0.1443

Inverse Universe

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



26.8367, 19.3073, 48.2133



43.2783, 28.0689, 85.3414



31.6799, 21.9720, 40.8518



9.0822, 9.0088, 11.3396



11.6374, 5.3105, 31.6647



0.4730, 0.2195, 1.1192

Previews

White Background



This preview shows how the XYZ color 28.3060, 40.0918, 17.8019 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 28.3060, 40.0918, 17.8019 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 28.3060, 40.0918, 17.8019

Background



This preview shows how black text looks on a background with the XYZ color 28.3060, 40.0918, 17.8019.



This preview shows how white text looks on a background with the XYZ color 28.3060, 40.0918,

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

28.3060, 40.0918, 17.8019

Protanopia

36.3694, 39.5877, 15.8495

Deuteranopia

40.4204, 39.4684, 18.5845



Tritanopia

35.6706, 40.0849, 54.0012

Trichromacy



Original Color

28.3060, 40.0918, 17.8019

Protanomaly

32.8674, 39.4674, 16.4754

Deuteranomaly

34.9045, 39.0559, 18.2692

Tritanomaly

32.4374, 39.9589, 37.4557

Monochromacy



Original Color

28.3060, 40.0918, 17.8019

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.4792, 35.9859, 28.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3060, 40.0918, 17.8019 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(127, 185, 98)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 98)  
}
```

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(127, 185, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 98) }
```

Border

The CSS property to change the border of an element to XYZ 28.3060, 40.0918, 17.8019 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(127, 185, 98) }
```


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

```
.border{ border-color:rgb(127, 185, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 185, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 98);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3060, 40.0918, 17.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 98) }
```

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

```
.background{ background-color: rgb(127,  
185, 98) }
```

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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