

Converting Colors

XYZ(17.3216, 26.4659, 4.1955)

Have a look what the booklet for
XYZ(17.3216, 26.4659, 4.1955)
contains.

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Color

**XYZ(17.3680, 26.6017,
4.2193)**

Conversions

Conversions Part 1

Format	Color
Hex	669C00
RGB	102, 156, 0
RGB Percent	40%, 61%, 0%
CMY	0.6000, 0.3882, 0.9999
CMYK	0.35, 0.00, 1.00, 0.39
HSL	81°, 100%, 31%
HSV	81°, 100%, 61%
XYZ	17.3680, 26.6017, 4.2193
YIQ	122.0700, 17.8920, -59.9640

Conversions

Conversions Part 2

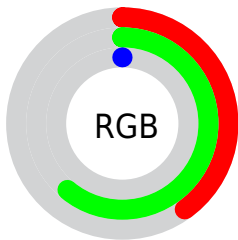
Format	Color
RYB	0, 156, 54
Decimal	6724608
CIELab	58.60, -37.84, 60.95
CIElCh	59, 71.738, 121.832
Yxy	26.6017, 0.3604, 0.5520
Android (android.graphics.Color)	4284914688 (0xFF669C00)
YUV	122.0700, -60.1805, -17.6014
Hunter-Lab	51.5768, -30.1513, 31.2535

Details

The XYZ color **17.3680, 26.6017, 4.2193** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.5235, 3.1855, 31.6723**, and the grayscale version is **18.7092, 19.6835, 21.4354**.

A 20% lighter version of the original color is **38.5645, 54.3255, 14.5842**, and **6.0770, 10.4815, 1.7028** is the 20% darker color. If you saturate the color by 10%, you get **17.3679, 26.6025, 4.2194**, and if you desaturate by 10%, it is **18.0914, 26.9650, 4.7265**.

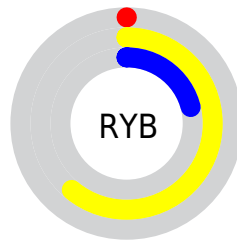
Distribution



Red (40%)

Green (61%)

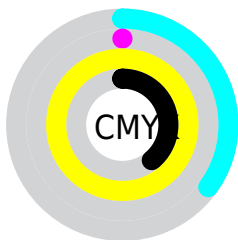
Blue (0%)



Red (0%)

Yellow (61%)

Blue (21%)

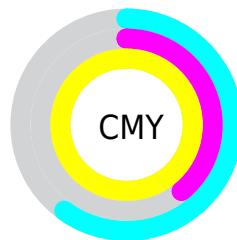


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (60%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3680, 26.6017, 4.2193 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 17.3680, 26.6017, 4.2193 by changing the saturation by 10% instead.

■ 17.3680, 26.6017,
4.2193

■ 17.3680, 26.6017,
4.2193

230.3993,
285.7234, 150.6326

■ 10.5941, 17.2743,
1.7464

■ 38.4960, 54.2441,
14.5125

■ 5.8599, 10.4303,
0.3922

■ 53.5809, 73.3278,
23.1698

■ 2.7999, 5.6852,
0.0000

■ 72.1668, 96.4325,
34.7257

■ 1.0489, 2.6546,
0.0000

■ 94.6191, 123.9425,
49.5987


■ 0.0000, 0.9542,
0.0000


■ 121.3031,
156.2422, 68.2073


■ 0.0000, 0.0000,
0.0000


■ 152.5843,


193.7160, 90.9702


 188.8279,
236.7482, 118.3057


 17.3680, 26.6017,
4.2193


 17.3680, 26.6017,
4.2193

 17.3679, 26.6025,
4.2194

 18.0914, 26.9650,
4.7265

 18.9238, 27.3757,
5.5979

 19.8972, 27.8476,
6.9963

 21.0250, 28.3860,
8.9885

 22.3187, 28.9958,
11.6313

■ 23.7885, 29.6810,
14.9750

■ 25.4436, 30.4455,
19.0649

■ 27.2926, 31.2926,
23.9426

■ 29.3433, 32.2257,
29.6464

Harmonies

Analogous

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



24.7469, 26.6017, 2.5108



17.3680, 26.6017, 4.2193



13.1080, 26.6017, 11.5822

Triad

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



17.3680, 26.6017, 4.2193



18.1079, 26.6017, 96.1357



46.2485, 26.6017, 27.4426

Complementary

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



17.3680, 26.6017, 4.2193



7.5235, 3.1855, 31.6723

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.



43.3279, 26.6017, 58.3928



17.3680, 26.6017, 4.2193



25.8291, 26.6017, 109.4199

Square

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



17.3680, 26.6017, 4.2193



13.4603, 26.6017, 62.7817



35.3006, 26.6017, 92.7287



42.5576, 26.6017, 10.1856

Rectangle

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



17.3680, 26.6017, 4.2193



11.9607, 26.6017, 22.6108



35.3006, 26.6017, 92.7287



46.0052, 26.6017, 36.4097

Sweetspot

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



17.3686, 26.6029, 4.2199



46.0195, 55.2072, 34.1378



14.9395, 9.5253, 1.0516



9.8611, 12.0258, 6.8451



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.3686, 26.6029, 4.2199



31.3251, 48.2029, 7.6531



12.3154, 23.9979, 3.9834



6.9470, 7.6053, 7.0875



14.3435, 21.9310, 3.4771



0.3003, 0.4147, 0.0642

Inverse Universe

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



7.5235, 3.1855, 31.6723



13.4702, 5.6851, 57.5141



15.2079, 7.1470, 32.0319



6.4905, 6.5413, 8.3272



6.2306, 2.6410, 26.0886



0.1547, 0.0695, 0.4685

Previews

White Background



This preview shows how the XYZ color 17.3680, 26.6017, 4.2193 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 17.3680, 26.6017, 4.2193 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 17.3680, 26.6017, 4.2193

Background



This preview shows how black text looks on a background with the XYZ color 17.3680, 26.6017, 4.2193.



This preview shows how white text looks on a background with the XYZ color 17.3680, 26.6017,

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

17.3680, 26.6017, 4.2193

Protanopia

23.6254, 26.3189, 3.8349

Deuteranopia

26.7533, 26.2159, 4.8784



Tritanopia

23.6824, 26.5367, 35.7722

Trichromacy



Original Color

17.3680, 26.6017, 4.2193

Protanomaly

20.7601, 25.9610, 3.9168

Deuteranomaly

22.2201, 25.5808, 4.3826

Tritanomaly

19.7298, 25.8597, 16.0082

Monochromacy



Original Color

17.3680, 26.6017, 4.2193

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.9705, 21.2451, 10.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3680, 26.6017, 4.2193 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(102, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 156, 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(102, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 156, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3680, 26.6017, 4.2193 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(102, 156, 0) }
```


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

```
.border{ border-color:rgb(102, 156, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 156, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 156,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3680, 26.6017, 4.2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 156, 0) }
```

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

```
.background{ background-color: rgb(102,  
156, 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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