

Converting Colors

XYZ(17.7738, 25.8748, 2.4689)

Have a look what the booklet for
XYZ(17.7738, 25.8748, 2.4689)
contains.

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Color

**XYZ(18.0383, 25.9672,
4.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	719800
RGB	113, 152, 0
RGB Percent	44%, 60%, 0%
CMY	0.5569, 0.4039, 0.9999
CMYK	0.26, 0.00, 1.00, 0.40
HSL	75°, 100%, 30%
HSV	75°, 100%, 60%
XYZ	18.0383, 25.9672, 4.0615
YIQ	123.0110, 25.5480, -55.5400

Conversions

Conversions Part 2

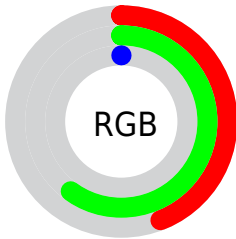
Format	Color
RYB	0, 152, 39
Decimal	7444480
CIELab	58.01, -31.66, 60.77
CIElCh	58, 68.522, 117.515
Yxy	25.9672, 0.3753, 0.5402
Android (android.graphics.Color)	4285634560 (0xFF719800)
YUV	123.0110, -60.6444, -8.7796
Hunter-Lab	50.9580, -25.9905, 30.9450

Details

The XYZ color **18.0383, 25.9672, 4.0615** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.5053, 2.6991, 29.8854**, and the grayscale version is **19.0195, 20.0100, 21.7909**.

A 20% lighter version of the original color is **39.5708, 53.0326, 14.1119**, and **6.4573, 10.2372, 1.6356** is the 20% darker color. If you saturate the color by 10%, you get **18.0383, 25.9681, 4.0616**, and if you desaturate by 10%, it is **18.6393, 26.2678, 4.5478**.

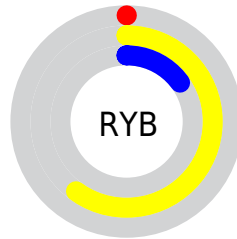
Distribution



Red (44%)

Green (60%)

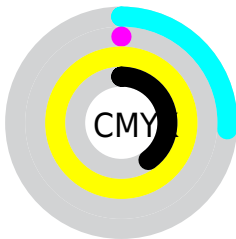
Blue (0%)



Red (0%)

Yellow (60%)

Blue (15%)

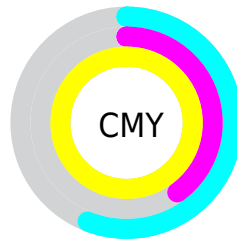


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (56%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0383, 25.9672, 4.0615 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 18.0383, 25.9672, 4.0615 by changing the saturation by 10% instead.

■ 18.0383, 25.9672,
4.0615

■ 18.0383, 25.9672,
4.0615

234.1282,
282.6210, 148.9065

■ 11.0773, 16.7991,
1.6591

■ 39.6321, 53.2220,
14.1513

■ 6.1866, 10.0914,
0.3325

■ 54.9957, 72.0775,
22.6759

■ 3.0006, 5.4596,
0.0000

■ 73.8909, 94.9310,
34.0783

■ 1.1541, 2.5194,
0.0000

■ 96.6831, 122.1668,
48.7771

■ 0.0696, 0.8863,
0.0000

■ 123.7375,
154.1693, 67.1907

■ 0.0000, 0.0000,
0.0000

■ 155.4196,

191.3229, 89.7378

192.0948,
234.0120, 116.8369

18.0383, 25.9672,
4.0615

18.0383, 25.9672,
4.0615

18.0383, 25.9681,
4.0616

18.6393, 26.2678,
4.5478

19.3258, 26.6041,
5.3728

20.1284, 26.9895,
6.6938

21.0592, 27.4287,
8.5732

22.1285, 27.9259,
11.0643

■ 23.3456, 28.4849,
14.2142

■ 24.7188, 29.1089,
18.0653

■ 26.2556, 29.8011,
22.6566

■ 27.9631, 30.5644,
28.0240

Harmonies

Analogous

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



25.3771, 25.9672, 2.8151



18.0383, 25.9672, 4.0615



13.5488, 25.9672, 10.1871

Triad

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



18.0383, 25.9672, 4.0615



17.0864, 25.9672, 86.7313



44.2252, 25.9672, 30.2953

Complementary

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



18.0383, 25.9672, 4.0615



6.5053, 2.6991, 29.8854

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.



40.6753, 25.9672, 60.4729



18.0383, 25.9672, 4.0615



23.9978, 25.9672, 102.5642

Square

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



18.0383, 25.9672, 4.0615



13.0917, 25.9672, 54.9699



32.7821, 25.9672, 90.9683



41.6451, 25.9672, 12.0193

Rectangle

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



18.0383, 25.9672, 4.0615



12.1813, 25.9672, 19.5254



32.7821, 25.9672, 90.9683



43.6945, 25.9672, 39.3089

Sweetspot

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



18.0389, 25.9684, 4.0621



43.4772, 51.3089, 31.4467



13.6431, 8.0627, 0.8376



9.6620, 11.5622, 6.5206



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.



18.0389, 25.9684, 4.0621



31.6663, 45.7454, 7.1608



12.0287, 22.8700, 3.7808



6.5541, 7.1431, 6.6392



15.1536, 21.7879, 3.4068



0.2594, 0.3427, 0.0525

Inverse Universe

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



6.5053, 2.6991, 29.8854



11.3383, 4.6895, 52.7412



12.6082, 5.8453, 30.1710



6.0257, 6.0991, 7.7886



5.4793, 2.2757, 25.0582



0.1120, 0.0495, 0.3760

Previews

White Background



This preview shows how the XYZ color 18.0383, 25.9672, 4.0615 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 18.0383, 25.9672, 4.0615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

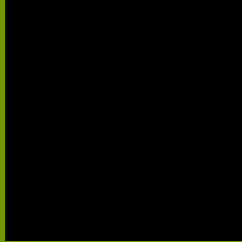
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0383, 25.9672, 4.0615

Background



This preview shows how black text looks on a background with the XYZ color 18.0383, 25.9672, 4.0615.



This preview shows how white text looks on a background with the XYZ color 18.0383, 25.9672,

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

18.0383, 25.9672, 4.0615

Protanopia

23.1372, 25.6333, 3.7283

Deuteranopia

26.1401, 25.7003, 4.6815



Tritanopia

24.0270, 25.8617, 33.8624

Trichromacy



Original Color

18.0383, 25.9672, 4.0615

Protanomaly

20.9578, 25.6092, 3.8385

Deuteranomaly

22.2907, 25.1843, 4.2585

Tritanomaly

20.3091, 25.2514, 15.1129

Monochromacy



Original Color

18.0383, 25.9672, 4.0615

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.5080, 21.5222, 10.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0383, 25.9672, 4.0615 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(113, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 152, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.0383, 25.9672, 4.0615 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(113, 152, 0) }
```


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

```
.border{ border-color:rgb(113, 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(113, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 152,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0383, 25.9672, 4.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 152, 0) }
```

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

```
.background{ background-color: rgb(113,  
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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