

Converting Colors

XYZ(18.3552, 25.4168, 3.9385)

Have a look what the booklet for
XYZ(18.3552, 25.4168, 3.9385)
contains.

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Color

**XYZ(18.3552, 25.4168,
3.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	779500
RGB	119, 149, 0
RGB Percent	47%, 58%, 0%
CMY	0.5333, 0.4157, 1.0000
CMYK	0.20, 0.00, 1.00, 0.42
HSL	72°, 100%, 29%
HSV	72°, 100%, 58%
XYZ	18.3552, 25.4168, 3.9385
YIQ	123.0440, 29.9490, -52.6990

Conversions

Conversions Part 2

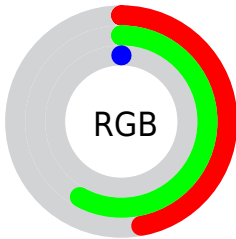
Format	Color
RYB	0, 149, 30
Decimal	7836928
CIELab	57.48, -27.71, 60.54
CIELCh	57, 66.586, 114.595
Yxy	25.4168, 0.3847, 0.5327
Android (android.graphics.Color)	4286027008 (0xFF779500)
YUV	123.0440, -60.6607, -3.5466
Hunter-Lab	50.4151, -23.2378, 30.6587

Details

The XYZ color **18.3552, 25.4168, 3.9385** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.9611, 2.4465, 28.5933**, and the grayscale version is **19.0293, 20.0204, 21.8022**.

A 20% lighter version of the original color is **40.1725, 52.2808, 13.9351**, and **6.5477, 9.8592, 1.5579** is the 20% darker color. If you saturate the color by 10%, you get **18.3554, 25.4178, 3.9387**, and if you desaturate by 10%, it is **18.8597, 25.6678, 4.4090**.

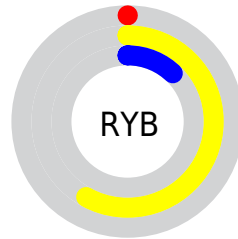
Distribution



Red (47%)

Green (58%)

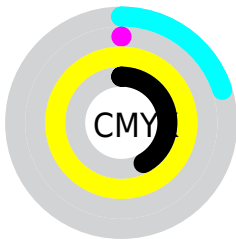
Blue (0%)



Red (0%)

Yellow (58%)

Blue (12%)

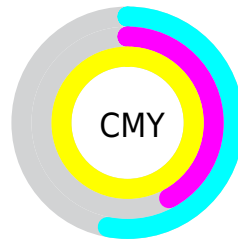


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3552, 25.4168, 3.9385 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 18.3552, 25.4168, 3.9385 by changing the saturation by 10% instead.

■ 18.3552, 25.4168,
3.9385

■ 18.3552, 25.4168,
3.9385

235.8726,
279.9073, 147.5393

■ 11.3065, 16.3879,
1.5917

■ 40.1670, 52.3326,
13.8677

■ 6.3422, 9.7990,
0.2849

■ 55.6609, 70.9882,
22.2871

■ 3.0969, 5.2659,
0.0000

■ 74.7005, 93.6216,
33.5678

■ 1.2052, 2.4041,
0.0000

■ 97.6512, 120.6170,
48.1283


■ 0.1105, 0.8280,
0.0000


■ 124.8785,
152.3589, 66.3872


■ 0.0000, 0.0000,
0.0000


■ 156.7475,


189.2316, 88.7629


 193.6238,
231.6196, 115.6741


 18.3552, 25.4168,
3.9385


 18.3552, 25.4168,
3.9385


 18.3554, 25.4178,
3.9387

 18.8597, 25.6678,
4.4090

 19.4375, 25.9488,
5.1999

 20.1185, 26.2726,
6.4645

 20.9138, 26.6436,
8.2620

 21.8334, 27.0659,
10.6431

■ 22.8857, 27.5429,
13.6526

■ 24.0786, 28.0777,
17.3310

■ 25.4192, 28.6731,
21.7151

■ 26.9141, 29.3319,
26.8393

Harmonies

Analogous

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



25.6218, 25.4168, 2.9988



18.3552, 25.4168, 3.9385



13.7455, 25.4168, 9.3103

Triad

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



18.3552, 25.4168, 3.9385



16.3620, 25.4168, 80.6537



42.7230, 25.4168, 31.9920

Complementary

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



18.3552, 25.4168, 3.9385



5.9611, 2.4465, 28.5933

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.



38.8264, 25.4168, 61.4351



18.3552, 25.4168, 3.9385



22.7508, 25.4168, 97.8128

Square

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



18.3552, 25.4168, 3.9385



12.7833, 25.4168, 50.0983



31.0703, 25.4168, 89.3347



40.8293, 25.4168, 13.1964

Rectangle

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



18.3552, 25.4168, 3.9385



12.2449, 25.4168, 17.6259



31.0703, 25.4168, 89.3347



42.0254, 25.4168, 40.9602

Sweetspot

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



18.3558, 25.4179, 3.9390



42.9802, 50.2188, 30.5940



12.8546, 7.3089, 0.7336



9.3397, 11.0463, 6.1996



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.3558, 25.4179, 3.9390



32.7213, 45.4407, 7.0463



11.8175, 22.0473, 3.6330



6.1522, 6.6863, 6.2068



15.4722, 21.4041, 3.3159



0.2127, 0.2740, 0.0417

Inverse Universe

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



5.9611, 2.4465, 28.5933



10.5529, 4.3179, 51.1985



11.1697, 5.1317, 28.8370



5.6021, 5.6859, 7.2720



5.0373, 2.0694, 24.0650



0.0816, 0.0356, 0.2955

Previews

White Background



This preview shows how the XYZ color 18.3552, 25.4168, 3.9385 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 18.3552, 25.4168, 3.9385 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 18.3552, 25.4168, 3.9385

Background



This preview shows how black text looks on a background with the XYZ color 18.3552, 25.4168, 3.9385.



This preview shows how white text looks on a background with the XYZ color 18.3552, 25.4168,

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

18.3552, 25.4168, 3.9385

Protanopia

22.6060, 25.1455, 3.6621

Deuteranopia

25.7697, 25.3104, 4.5641



Tritanopia

24.0290, 25.2524, 32.0415

Trichromacy



Original Color

18.3552, 25.4168, 3.9385

Protanomaly

20.8283, 25.0968, 3.7464

Deuteranomaly

22.5161, 25.0875, 4.1860

Tritanomaly

20.4910, 24.6843, 14.5110

Monochromacy



Original Color

18.3552, 25.4168, 3.9385

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.6524, 21.1902, 10.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3552, 25.4168, 3.9385 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(119, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 149, 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(119, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.3552, 25.4168, 3.9385 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(119, 149, 0) }
```


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

```
.border{ border-color:rgb(119, 149, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3552, 25.4168, 3.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 0) }
```

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

```
.background{ background-color: rgb(119,  
149, 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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