

Converting Colors

XYZ(18.0653, 25.8667, 3.3562)

Have a look what the booklet for
XYZ(18.0653, 25.8667, 3.3562)
contains.

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Color

**XYZ(18.1368, 25.7781,
4.0198)**

Conversions

Conversions Part 1

Format	Color
Hex	739700
RGB	115, 151, 0
RGB Percent	45%, 59%, 0%
CMY	0.5490, 0.4078, 0.9999
CMYK	0.24, 0.00, 1.00, 0.41
HSL	74°, 100%, 30%
HSV	74°, 100%, 59%
XYZ	18.1368, 25.7781, 4.0198
YIQ	123.0220, 27.0150, -54.5930

Conversions

Conversions Part 2

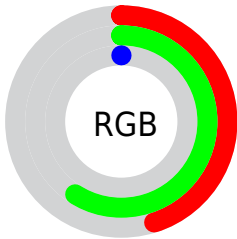
Format	Color
RYB	0, 151, 36
Decimal	7575296
CIELab	57.83, -30.36, 60.69
CIELCh	58, 67.859, 116.574
Yxy	25.7781, 0.3784, 0.5378
Android (android.graphics.Color)	4285765376 (0xFF739700)
YUV	123.0220, -60.6498, -7.0353
Hunter-Lab	50.7721, -25.0876, 30.8463

Details

The XYZ color **18.1368, 25.7781, 4.0198** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.3146, 2.6102, 29.4508**, and the grayscale version is **19.0228, 20.0134, 21.7946**.

A 20% lighter version of the original color is **39.7632, 52.7755, 14.0522**, and **6.4816, 10.1064, 1.6091** is the 20% darker color. If you saturate the color by 10%, you get **18.1369, 25.7790, 4.0199**, and if you desaturate by 10%, it is **18.7072, 26.0630, 4.5009**.

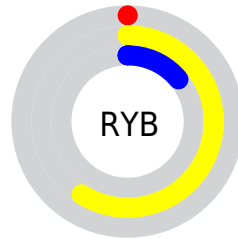
Distribution



Red (45%)

Green (59%)

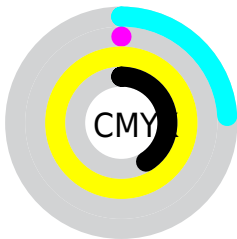
Blue (0%)



Red (0%)

Yellow (59%)

Blue (14%)

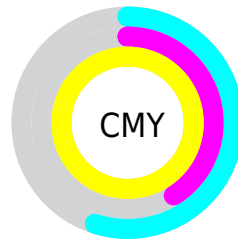


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (55%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1368, 25.7781, 4.0198 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 18.1368, 25.7781, 4.0198 by changing the saturation by 10% instead.

■ 18.1368, 25.7781,
4.0198

■ 18.1368, 25.7781,
4.0198

234.6717,
281.6911, 148.4452

■ 11.1485, 16.6577,
1.6362

■ 39.7985, 52.9168,
14.0554

■ 6.2349, 9.9907,
0.3165

■ 55.2027, 71.7038,
22.5445

■ 3.0304, 5.3928,
0.0000

■ 74.1429, 94.4819,
33.9058

■ 1.1699, 2.4795,
0.0000

■ 96.9845, 121.6353,
48.5580

■ 0.0824, 0.8664,
0.0000

■ 124.0928,
153.5486, 66.9194

■ 0.0000, 0.0000,
0.0000

■ 155.8332,

190.6060, 89.4088

192.5711,
233.1921, 116.4445

18.1368, 25.7781,
4.0198

18.1368, 25.7781,
4.0198

18.1369, 25.7790,
4.0199

18.7072, 26.0630,
4.5009

19.3588, 26.3815,
5.3145

20.1219, 26.7469,
6.6167

21.0083, 27.1638,
8.4686

22.0283, 27.6363,
10.9229

■ 23.1907, 28.1681,
14.0256

■ 24.5038, 28.7624,
17.8187

■ 25.9748, 29.4222,
22.3404

■ 27.6109, 30.1504,
27.6261

Harmonies

Analogous

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



25.4500, 25.7781, 2.8739



18.1368, 25.7781, 4.0198



13.6094, 25.7781, 9.8906

Triad

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



18.1368, 25.7781, 4.0198



16.8414, 25.7781, 84.6772



43.7151, 25.7781, 30.8368

Complementary

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



18.1368, 25.7781, 4.0198



6.3146, 2.6102, 29.4508

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.



40.0499, 25.7781, 60.7697



18.1368, 25.7781, 4.0198



23.5765, 25.7781, 100.9565

Square

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



18.1368, 25.7781, 4.0198



12.9862, 25.7781, 53.3207



32.2037, 25.7781, 90.4023



41.3638, 25.7781, 12.3944

Rectangle

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



18.1368, 25.7781, 4.0198



12.1987, 25.7781, 18.8818



32.2037, 25.7781, 90.4023



43.1288, 25.7781, 39.8345

Sweetspot

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



18.1374, 25.7793, 4.0203



43.7295, 51.4390, 31.4585



13.3716, 7.7962, 0.8005



9.7258, 11.5951, 6.5236



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.



18.1374, 25.7793, 4.0203



32.3101, 46.0773, 7.1909



11.9532, 22.5912, 3.7309



6.5649, 7.1487, 6.6397



15.4548, 21.9431, 3.4209



0.2623, 0.3442, 0.0526

Inverse Universe

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



6.3146, 2.6102, 29.4508



11.1678, 4.6016, 52.7333



12.1092, 5.5974, 29.7220



6.0156, 6.0939, 7.7882



5.3936, 2.2315, 25.0542



0.1091, 0.0480, 0.3759

Previews

White Background



This preview shows how the XYZ color 18.1368, 25.7781, 4.0198 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 18.1368, 25.7781, 4.0198 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 18.1368, 25.7781, 4.0198

Background



This preview shows how black text looks on a background with the XYZ color 18.1368, 25.7781, 4.0198.



This preview shows how white text looks on a background with the XYZ color 18.1368, 25.7781,

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

18.1368, 25.7781, 4.0198

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

26.0051, 25.4304, 4.6365



Tritanopia

23.9477, 25.6124, 33.3873

Trichromacy



Original Color

18.1368, 25.7781, 4.0198

Protanomaly

20.8070, 25.3076, 3.7882

Deuteranomaly

22.3345, 24.9929, 4.2192

Tritanomaly

20.2993, 25.0205, 15.0688

Monochromacy



Original Color

18.1368, 25.7781, 4.0198

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.5084, 21.3182, 10.3998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1368, 25.7781, 4.0198 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(115, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 151, 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(115, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 151, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.1368, 25.7781, 4.0198 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(115, 151, 0) }
```


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

```
.border{ border-color:rgb(115, 151, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 151,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1368, 25.7781, 4.0198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 151, 0) }
```

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

```
.background{ background-color: rgb(115,  
151, 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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