

Converting Colors

XYZ(10.7579, 15.9503, 2.5117)

Have a look what the booklet for
XYZ(10.7579, 15.9503, 2.5117)
contains.

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Color

**XYZ(10.7058, 15.8504,
2.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	557A00
RGB	85, 122, 0
RGB Percent	33%, 48%, 0%
CMY	0.6667, 0.5216, 1.0000
CMYK	0.30, 0.00, 1.00, 0.52
HSL	78°, 100%, 24%
HSV	78°, 100%, 48%
XYZ	10.7058, 15.8504, 2.4952
YIQ	97.0290, 17.1100, -45.7860

Conversions

Conversions Part 2

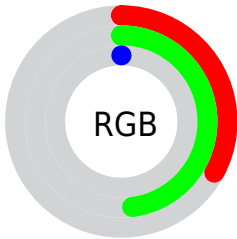
Format	Color
RYB	0, 122, 37
Decimal	5601792
CIELab	46.78, -29.12, 51.43
CIElCh	47, 59.102, 119.522
Yxy	15.8504, 0.3685, 0.5456
Android (android.graphics.Color)	4283791872 (0xFF557A00)
YUV	97.0290, -47.8353, -10.5494
Hunter-Lab	39.8126, -21.6724, 24.1529

Details

The XYZ color **10.7058, 15.8504, 2.4952** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.2766, 1.7990, 18.5352**, and the grayscale version is **11.4810, 12.0789, 13.1539**.

A 20% lighter version of the original color is **26.8746, 36.5078, 10.3329**, and **3.0097, 5.0884, 0.8235** is the 20% darker color. If you saturate the color by 10%, you get **10.7059, 15.8510, 2.4953**, and if you desaturate by 10%, it is **11.1186, 16.0559, 2.8677**.

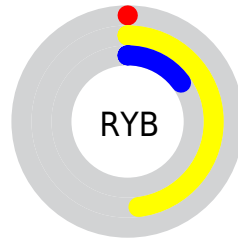
Distribution



Red (33%)

Green (48%)

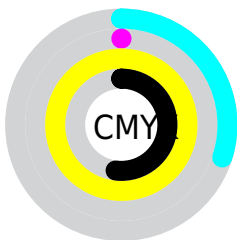
Blue (0%)



Red (0%)

Yellow (48%)

Blue (15%)

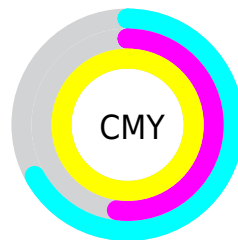


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7058, 15.8504, 2.4952 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 10.7058, 15.8504, 2.4952 by changing the saturation by 10% instead.

■ 10.7058, 15.8504,
2.4952

■ 10.7058, 15.8504,
2.4952

189.5882,
228.4573, 129.6460

■ 5.9352, 9.4184,
0.8376

■ 26.7526, 36.3383,
10.3551

■ 2.8460, 5.0151,
0.0000

■ 38.7596, 51.1629,
17.4000

■ 1.0729, 2.2561,
0.0000

■ 53.9094, 69.5539,
27.0795

■ 0.0022, 0.7503,
0.0000


■ 72.5673, 91.8956,
39.8122


■ 0.0000, 0.0000,
0.0000


■ 95.0989, 118.5724,
56.0167


■ 121.8693,


149.9687, 76.1115


 153.2439,
186.4689, 100.5151


 10.7058, 15.8504,
2.4952


 10.7058, 15.8504,
2.4952

 10.7059, 15.8510,
2.4953

 11.1186, 16.0559,
2.8677

 11.5828, 16.2835,
3.4192

 12.1222, 16.5433,
4.2725

 12.7439, 16.8380,
5.4631

 13.4538, 17.1702,
7.0214

■ 14.2573, 17.5421,
8.9745

■ 15.1594, 17.9555,
11.3469

■ 16.1645, 18.4124,
14.1612

■ 17.2768, 18.9145,
17.4383

Harmonies

Analogous

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



15.1479, 15.8504, 1.6147



10.7058, 15.8504, 2.4952



8.0587, 15.8504, 6.5236

Triad

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



10.7058, 15.8504, 2.4952



10.5926, 15.8504, 54.8880



27.2495, 15.8504, 17.4954

Complementary

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



10.7058, 15.8504, 2.4952



4.2766, 1.7990, 18.5352

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.



25.2748, 15.8504, 35.9362



10.7058, 15.8504, 2.4952



14.9831, 15.8504, 63.7749

Square

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



10.7058, 15.8504, 2.4952



8.0046, 15.8504, 35.2738



20.4719, 15.8504, 55.3999



25.3913, 15.8504, 6.7396

Rectangle

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



10.7058, 15.8504, 2.4952



7.2939, 15.8504, 12.6106



20.4719, 15.8504, 55.3999



27.0064, 15.8504, 22.9274

Sweetspot

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



10.7062, 15.8511, 2.4955



26.5466, 31.5318, 19.6309



8.6759, 5.4366, 0.5923



5.9442, 7.1523, 4.1522



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.7062, 15.8511, 2.4955



18.6922, 27.8121, 4.3831



7.3464, 14.1191, 2.3383



4.1950, 4.5758, 4.2866



11.2623, 16.6832, 2.6266



52.8280, 79.1193, 12.4872

Inverse Universe

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



4.2766, 1.7990, 18.5352



7.3970, 3.0994, 32.6013



8.5075, 3.9801, 18.7332



3.9014, 3.9471, 4.9994



4.4942, 1.8896, 19.5132



20.6685, 8.6170, 93.0437

Previews

White Background



This preview shows how the XYZ color 10.7058, 15.8504, 2.4952 looks on a white background.

Color Contrast Check

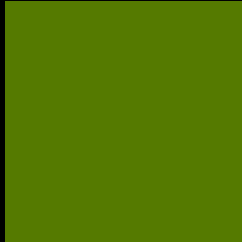
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 10.7058, 15.8504, 2.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

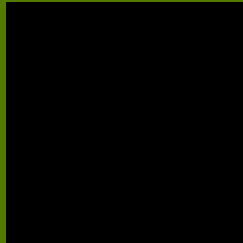
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7058, 15.8504, 2.4952

Background



This preview shows how black text looks on a background with the XYZ color 10.7058, 15.8504, 2.4952.



This preview shows how white text looks on a background with the XYZ color 10.7058, 15.8504,

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

10.7058, 15.8504, 2.4952

Protanopia

14.1419, 15.7289, 2.2906

Deuteranopia

15.8537, 15.6540, 2.9966



Tritanopia

14.3477, 15.7568, 20.6975

Trichromacy



Original Color

10.7058, 15.8504, 2.4952

Protanomaly

12.5611, 15.5765, 2.3445

Deuteranomaly

13.3784, 15.3253, 2.7049

Tritanomaly

12.1347, 15.3680, 9.5345

Monochromacy



Original Color

10.7058, 15.8504, 2.4952

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.5377, 12.9830, 6.5080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7058, 15.8504, 2.4952 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(85, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(85, 122, 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(85, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 122, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7058, 15.8504, 2.4952 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(85, 122, 0) }
```


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

```
.border{ border-color:rgb(85, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(85, 122, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7058, 15.8504, 2.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 122, 0) }
```

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

```
.background{ background-color: rgb(85, 122,  
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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