

Converting Colors

XYZ(10.5390, 18.5873, 3.0325)

Have a look what the booklet for
XYZ(10.5390, 18.5873, 3.0325)
contains.

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Color

**XYZ(10.4915, 18.4782,
3.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	398800
RGB	57, 136, 0
RGB Percent	22%, 53%, 0%
CMY	0.7765, 0.4667, 1.0000
CMYK	0.58, 0.00, 1.00, 0.47
HSL	95°, 100%, 27%
HSV	95°, 100%, 53%
XYZ	10.4915, 18.4782, 3.0137
YIQ	96.8750, -3.4280, -59.0440

Conversions

Conversions Part 2

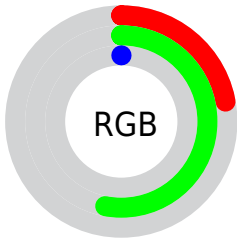
Format	Color
RYB	0, 136, 79
Decimal	3770368
CIELab	50.07, -44.94, 53.42
CIELCh	50, 69.807, 130.074
Yxy	18.4782, 0.3280, 0.5777
Android (android.graphics.Color)	4281960448 (0xFF398800)
YUV	96.8750, -47.7594, -34.9704
Hunter-Lab	42.9863, -31.6602, 25.9337

Details

The XYZ color **10.4915, 18.4782, 3.0137** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7.6698, 3.4407, 23.5535**, and the grayscale version is **11.4465, 12.0426, 13.1144**.

A 20% lighter version of the original color is **26.3363, 40.7977, 11.6409**, and **3.2485, 6.4970, 1.0828** is the 20% darker color. If you saturate the color by 10%, you get **10.4915, 18.4788, 3.0138**, and if you desaturate by 10%, it is **11.0546, 18.7602, 3.4402**.

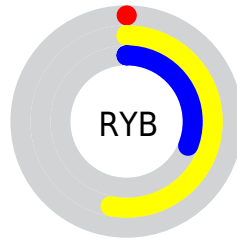
Distribution



Red (22%)

Green (53%)

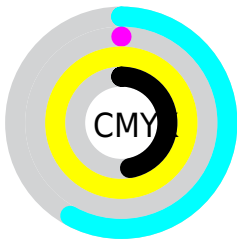
Blue (0%)



Red (0%)

Yellow (53%)

Blue (31%)

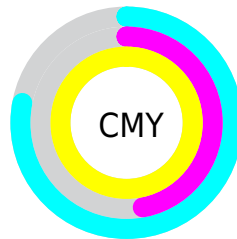


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (78%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4915, 18.4782, 3.0137 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 10.4915, 18.4782, 3.0137 by changing the saturation by 10% instead.

■ 10.4915, 18.4782,
3.0137

■ 10.4915, 18.4782,
3.0137

188.1261,
243.5528, 136.5349

■ 5.7908, 11.2939,
1.1016

■ 26.3573, 40.8505,
11.6622

■ 2.7577, 6.2648,
0.0000

■ 38.2531, 56.8072,
19.2358

■ 1.0270, 3.0068,
0.0000

■ 53.2780, 76.4569,
29.5335

■ 0.0000, 1.1353,
0.0000

■ 71.7974, 100.1839,
42.9741


■ 0.0000, 0.0079,
0.0000


■ 94.1765, 128.3725,
59.9760


■ 0.0000, 0.0000,
0.0000


■ 120.7808,


161.4073, 80.9577


 151.9755,
199.6726, 106.3378


 10.4915, 18.4782,
3.0137


 10.4915, 18.4782,
3.0137


 10.4915, 18.4788,
3.0138

 11.0546, 18.7602,
3.4402

 11.7375, 19.0980,
4.1174

 12.5694, 19.5041,
5.1828

 13.5620, 19.9836,
6.6833

 14.7254, 20.5408,
8.6593

■ 16.0689, 21.1798,
11.1466

■ 17.6009, 21.9041,
14.1773

■ 19.3292, 22.7171,
17.7812

■ 21.2614, 23.6221,
21.9856

Harmonies

Analogous

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



15.3992, 18.4782, 1.2556



10.4915, 18.4782, 3.0137



8.0041, 18.4782, 9.9635

Triad

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



10.4915, 18.4782, 3.0137



13.5190, 18.4782, 78.7742



33.5947, 18.4782, 14.3182

Complementary

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



10.4915, 18.4782, 3.0137



7.6698, 3.4407, 23.5535

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.



32.7179, 18.4782, 35.5408



10.4915, 18.4782, 3.0137



19.9204, 18.4782, 82.9289

Square

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



10.4915, 18.4782, 3.0137



9.4180, 18.4782, 54.5613



27.2586, 18.4782, 63.7696



29.4153, 18.4782, 4.4662

Rectangle

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



10.4915, 18.4782, 3.0137



7.5550, 18.4782, 20.1677



27.2586, 18.4782, 63.7696



33.9025, 18.4782, 20.0716

Sweetspot

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



10.4919, 18.4790, 3.0141



30.8284, 38.5109, 24.6016



12.8128, 10.5524, 1.3618



6.9029, 8.8070, 5.2227



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



10.4919, 18.4790, 3.0141



18.3191, 32.4764, 5.3030



8.8544, 17.6291, 3.1967



5.1575, 5.7039, 5.3815



9.9397, 17.4941, 2.8528



0.0821, 0.1245, 0.0197

Inverse Universe

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



7.6698, 3.4407, 23.5535



13.3355, 5.9700, 41.4978



13.9806, 6.7654, 20.6260



5.0346, 5.0263, 6.3107



7.2692, 3.2615, 22.2921



0.0650, 0.0303, 0.1489

Previews

White Background



This preview shows how the XYZ color 10.4915, 18.4782, 3.0137 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 10.4915, 18.4782, 3.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

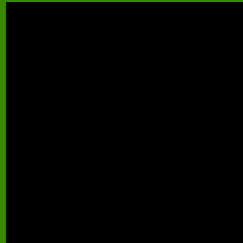
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 10.4915, 18.4782, 3.0137

Background



This preview shows how black text looks on a background with the XYZ color 10.4915, 18.4782, 3.0137.



This preview shows how white text looks on a background with the XYZ color 10.4915, 18.4782,

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

10.4915, 18.4782, 3.0137

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.3982, 18.0617, 3.6152



Tritanopia

15.1181, 18.3476, 26.4115

Trichromacy



Original Color

10.4915, 18.4782, 3.0137

Protanomaly

13.2775, 17.7314, 2.7227

Deuteranomaly

14.1490, 17.4314, 3.1911

Tritanomaly

12.2287, 17.9555, 11.8381

Monochromacy



Original Color

10.4915, 18.4782, 3.0137

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.0336, 13.5105, 6.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4915, 18.4782, 3.0137 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(57, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 136, 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(57, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 136, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.4915, 18.4782, 3.0137 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(57, 136, 0) }
```


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

```
.border{ border-color:rgb(57, 136, 0) }
```

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

Here you see how a box with a 4 pixel rgb(57, 136, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(57, 136, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4915, 18.4782, 3.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 136, 0) }
```

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

```
.background{ background-color: rgb(57, 136,  
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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