

Converting Colors

XYZ(10.3237, 18.6969, 3.0648)

Have a look what the booklet for
XYZ(10.3237, 18.6969, 3.0648)
contains.

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Color

**XYZ(10.2611, 18.5694,
3.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	328900
RGB	50, 137, 0
RGB Percent	20%, 54%, 0%
CMY	0.8039, 0.4627, 1.0000
CMYK	0.64, 0.00, 1.00, 0.46
HSL	98°, 100%, 27%
HSV	98°, 100%, 54%
XYZ	10.2611, 18.5694, 3.0434
YIQ	95.3690, -7.8750, -61.0510

Conversions

Conversions Part 2

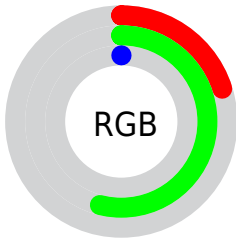
Format	Color
RYB	0, 137, 87
Decimal	3311872
CIELab	50.18, -47.18, 53.41
CIELCh	50, 71.260, 131.456
Yxy	18.5694, 0.3219, 0.5826
Android (android.graphics.Color)	4281501952 (0xFF328900)
YUV	95.3690, -47.0169, -39.7886
Hunter-Lab	43.0922, -32.9071, 25.9772

Details

The XYZ color **10.2611, 18.5694, 3.0434** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8.4470, 3.8331, 23.9625**, and the grayscale version is **11.0776, 11.6545, 12.6917**.

A 20% lighter version of the original color is **25.9208, 40.9062, 11.6838**, and **3.3278, 6.6556, 1.1093** is the 20% darker color. If you saturate the color by 10%, you get **10.2612, 18.5700, 3.0436**, and if you desaturate by 10%, it is **10.8093, 18.8437, 3.4727**.

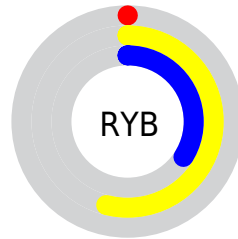
Distribution



Red (20%)

Green (54%)

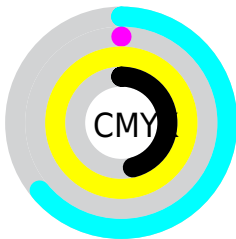
Blue (0%)



Red (0%)

Yellow (54%)

Blue (34%)

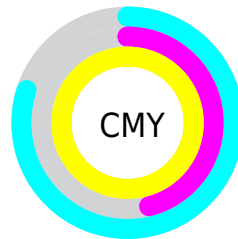


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (80%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2611, 18.5694, 3.0434 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 10.2611, 18.5694, 3.0434 by changing the saturation by 10% instead.

■ 10.2611, 18.5694,
3.0434

■ 10.2611, 18.5694,
3.0434

186.5405,
244.0612, 136.9115

■ 5.6360, 11.3596,
1.1168

■ 25.9307, 41.0052,
11.7353

■ 2.6636, 6.3092,
0.0000

■ 37.7059, 57.0000,
19.3378

■ 0.9785, 3.0340,
0.0000

■ 52.5952, 76.6918,
29.6693

■ 0.0000, 1.1495,
0.0000

■ 70.9640, 100.4651,
43.1484

■ 0.0000, 0.0199,
0.0000


■ 93.1775, 128.7043,
60.1936


■ 0.0000, 0.0000,
0.0000


■ 119.6012,


161.7938, 81.2235


 150.6004,
200.1180, 106.6566


 10.2611, 18.5694,
3.0434


 10.2611, 18.5694,
3.0434


 10.2612, 18.5700,
3.0436

 10.8093, 18.8437,
3.4727

 11.4911, 19.1806,
4.1585

 12.3369, 19.5936,
5.2396

 13.3596, 20.0882,
6.7638

 14.5705, 20.6692,
8.7724

■ 15.9798, 21.3412,
11.3017

■ 17.5969, 22.1083,
14.3846

■ 19.4306, 22.9743,
18.0513

■ 21.4890, 23.9429,
22.3299

Harmonies

Analogous

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



15.1507, 18.5694, 1.1803



10.2611, 18.5694, 3.0434



7.8449, 18.5694, 10.4059

Triad

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



10.2611, 18.5694, 3.0434



13.7684, 18.5694, 81.5957



34.0462, 18.5694, 13.5896

Complementary

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



10.2611, 18.5694, 3.0434



8.4470, 3.8331, 23.9625

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.



33.3946, 18.5694, 34.8175



10.2611, 18.5694, 3.0434



20.4093, 18.5694, 84.7066

Square

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



10.2611, 18.5694, 3.0434



9.4766, 18.5694, 57.0969



27.9348, 18.5694, 63.9712



29.5347, 18.5694, 4.0798

Rectangle

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



10.2611, 18.5694, 3.0434



7.4541, 18.5694, 21.1970



27.9348, 18.5694, 63.9712



34.4495, 18.5694, 19.2714

Sweetspot

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



10.2615, 18.5702, 3.0438



31.3063, 39.4932, 25.3582



13.7067, 12.0980, 1.6130



6.7780, 8.7426, 5.2169



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.



10.2615, 18.5702, 3.0438



18.2093, 33.1687, 5.4425



9.0576, 17.9366, 3.5688



5.1330, 5.6913, 5.3804



9.5702, 17.3036, 2.8355



0.0787, 0.1227, 0.0195

Inverse Universe

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



8.4470, 3.8331, 23.9625



14.9427, 6.7691, 42.9022



13.6310, 6.6443, 17.9340



5.0598, 5.0393, 6.3118



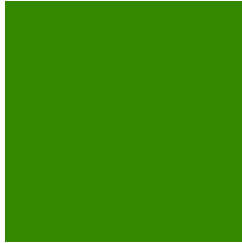
7.8811, 3.5770, 22.3207



0.0685, 0.0321, 0.1490

Previews

White Background



This preview shows how the XYZ color 10.2611, 18.5694, 3.0434 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 10.2611, 18.5694, 3.0434 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 10.2611, 18.5694, 3.0434

Background



This preview shows how black text looks on a background with the XYZ color 10.2611, 18.5694, 3.0434.



This preview shows how white text looks on a background with the XYZ color 10.2611, 18.5694,

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

10.2611, 18.5694, 3.0434

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.5213, 18.2885, 3.7163



Tritanopia

15.0009, 18.4696, 26.8191

Trichromacy



Original Color

10.2611, 18.5694, 3.0434

Protanomaly

13.0544, 17.8053, 2.7487

Deuteranomaly

13.8788, 17.4735, 3.2135

Tritanomaly

12.0577, 18.0610, 12.0831

Monochromacy



Original Color

10.2611, 18.5694, 3.0434

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

9.6160, 13.1404, 6.3045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2611, 18.5694, 3.0434 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(50, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 137, 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(50, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 137, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.2611, 18.5694, 3.0434 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(50, 137, 0) }
```


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

```
.border{ border-color:rgb(50, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(50, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(50, 137, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2611, 18.5694, 3.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 137, 0) }
```

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

```
.background{ background-color: rgb(50, 137,  
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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