

Converting Colors

XYZ(11.3635, 15.6007, 4.0544)

Have a look what the booklet for
XYZ(11.3635, 15.6007, 4.0544)
contains.

XYZ(11.3289, 15.5963, 4.0824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.3289, 15.5963,
4.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7724
RGB	92, 119, 36
RGB Percent	36%, 47%, 14%
CMY	0.6392, 0.5333, 0.8588
CMYK	0.23, 0.00, 0.70, 0.53
HSL	80°, 54%, 30%
HSV	80°, 70%, 47%
XYZ	11.3289, 15.5963, 4.0824
YIQ	101.4650, 10.5510, -31.5370

Conversions

Conversions Part 2

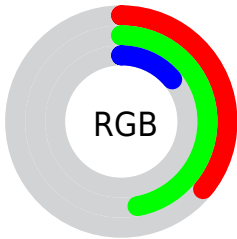
Format	Color
R_{YB}	36, 119, 63
Decimal	6059812
CIE Lab	46.44, -23.07, 40.72
CIE LCh	46, 46.799, 119.539
Yxy	15.5963, 0.3654, 0.5030
Android (android.graphics.Color)	4284249892 (0xFF5C7724)
YUV	101.4650, -32.2742, -8.3008
Hunter-Lab	39.4922, -17.9059, 21.5156

Details

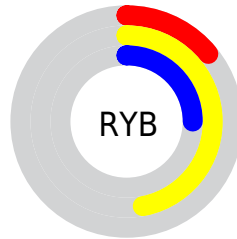
The XYZ color **11.3289, 15.5963, 4.0824** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.0112, 3.6509, 17.8415**, and the grayscale version is **12.5696, 13.2242, 14.4012**.

A 20% lighter version of the original color is **27.9197, 35.8174, 14.2460**, and **3.1864, 4.8939, 0.7767** is the 20% darker color. If you saturate the color by 10%, you get **10.7998, 15.3416, 3.2618**, and if you desaturate by 10%, it is **11.9390, 15.8867, 5.2231**.

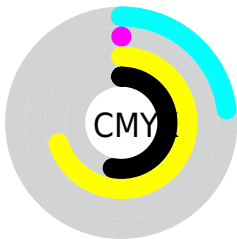
Distribution



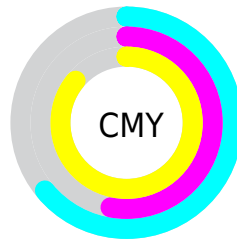
- Red (36%)
- Green (47%)
- Blue (14%)



- Red (14%)
- Yellow (47%)
- Blue (25%)



- Cyan (23%)
- Magenta (0%)
- Yellow (70%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3289, 15.5963, 4.0824 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 11.3289, 15.5963, 4.0824 by changing the saturation by 10% instead.

■ 11.3289, 15.5963,
4.0824

■ 11.3289, 15.5963,
4.0824

193.7724,
226.9476, 149.1369

■ 6.3574, 9.2389,
1.6707

■ 27.8944, 35.8959,
14.1994

■ 3.1063, 4.8974,
0.3405

■ 40.2191, 50.6070,
22.7417

■ 1.2102, 2.1872,
0.0000

■ 55.7256, 68.8714,
34.1645

■ 0.1144, 0.7130,
0.0000

■ 74.7792, 91.0736,
48.8866

■ 0.0000, 0.0000,
0.0000

■ 97.7454, 117.5979,
67.3263

■ 124.9894,

148.8287, 89.9022

156.8766,
185.1505, 117.0329

■ 11.3289, 15.5963,
4.0824

■ 11.3289, 15.5963,
4.0824

■ 10.7998, 15.3416,
3.2618

■ 11.9390, 15.8867,
5.2231

■ 10.3439, 15.1180,
2.7273

■ 12.6347, 16.2132,
6.7114

■ 9.9397, 14.9172,
2.3641

■ 13.4215, 16.5784,
8.5729

■ 9.9297, 14.9123,
2.3550

■ 14.3040, 16.9842,
10.8309

■ 15.2864, 17.4325,
13.5062

■ 16.3728, 17.9248,
16.6187

■ 17.5669, 18.4626,
20.1868

■ 18.8723, 19.0475,
24.2276

■ 20.2923, 19.6807,
28.7578

Harmonies

Analogous

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



14.8862, 15.5963, 3.0678



11.3289, 15.5963, 4.0824



9.1074, 15.5963, 8.0469

Triad

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



11.3289, 15.5963, 4.0824



11.2390, 15.5963, 44.1178



23.9789, 15.5963, 17.1607

Complementary

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



11.3289, 15.5963, 4.0824



6.0112, 3.6509, 17.8415

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.



22.5383, 15.5963, 30.8650



11.3289, 15.5963, 4.0824



14.7616, 15.5963, 50.1490

Square

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



11.3289, 15.5963, 4.0824



9.0625, 15.5963, 30.4073



18.9724, 15.5963, 44.4556



22.6207, 15.5963, 8.2361

Rectangle

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



11.3289, 15.5963, 4.0824



8.4456, 15.5963, 13.2696



18.9724, 15.5963, 44.4556



23.8026, 15.5963, 21.3286

Sweetspot

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



11.3293, 15.5970, 4.0827



27.0445, 31.0661, 23.2720



9.6648, 7.5260, 2.6126



6.3155, 7.3196, 5.2568



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.



11.3293, 15.5970, 4.0827



18.8027, 27.2093, 5.1743



8.2920, 14.0312, 3.9406



3.8564, 4.2094, 3.9515



10.5390, 15.8374, 2.5015



50.4308, 76.6998, 12.1466

Inverse Universe

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



6.0112, 3.6509, 17.8415



8.6500, 4.2829, 31.6239



9.6450, 5.5242, 18.0115



3.6025, 3.6424, 4.6034



4.4058, 1.8626, 18.6699



20.6589, 8.6585, 90.9427

Previews

White Background



This preview shows how the XYZ color 11.3289, 15.5963, 4.0824 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 11.3289, 15.5963, 4.0824 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 11.3289, 15.5963, 4.0824

Background



This preview shows how black text looks on a background with the XYZ color 11.3289, 15.5963, 4.0824.



This preview shows how white text looks on a background with the XYZ color 11.3289, 15.5963,

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

11.3289, 15.5963, 4.0824

Protanopia

14.0330, 15.4783, 3.7614

Deuteranopia

15.6671, 15.3791, 4.2405



Tritanopia

14.5541, 15.5497, 20.0036

Trichromacy



Original Color

11.3289, 15.5963, 4.0824

Protanomaly

12.8906, 15.3763, 3.8786

Deuteranomaly

13.7200, 15.1487, 4.1203

Tritanomaly

12.8575, 15.3526, 11.7369

Monochromacy



Original Color

11.3289, 15.5963, 4.0824

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7391, 13.8576, 9.0772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3289, 15.5963, 4.0824 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(92, 119, 36)` looks like.

```
.text, #text, p{  
    color:rgb(92, 119, 36)  
}
```

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(92, 119, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 119, 36) }
```

Border

The CSS property to change the border of an element to XYZ 11.3289, 15.5963, 4.0824 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(92, 119, 36) }
```


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

```
.border{ border-color:rgb(92, 119, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 119, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 119, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 119, 36);  
box-shadow:4px 4px 4px 4px rgb(92, 119,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3289, 15.5963, 4.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 119, 36) }
```

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

```
.background{ background-color: rgb(92, 119,  
36) }
```

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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