

Converting Colors

XYZ(10.3893, 15.0113, 6.6145)

Have a look what the booklet for
XYZ(10.3893, 15.0113, 6.6145)
contains.

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Color

**XYZ(10.3929, 15.0564,
6.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	4C773C
RGB	76, 119, 60
RGB Percent	30%, 47%, 24%
CMY	0.7020, 0.5333, 0.7647
CMYK	0.36, 0.00, 0.50, 0.53
HSL	104°, 33%, 35%
HSV	104°, 50%, 47%
XYZ	10.3929, 15.0564, 6.6334
YIQ	99.4170, -6.6890, -27.4650

Conversions

Conversions Part 2

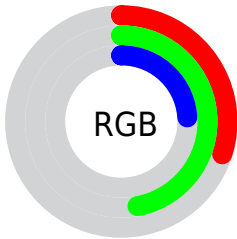
Format	Color
RYB	60, 119, 103
Decimal	5011260
CIELab	45.71, -26.90, 27.70
CIELCh	46, 38.616, 134.161
Yxy	15.0564, 0.3239, 0.4693
Android (android.graphics.Color)	4283201340 (0xFF4C773C)
YUV	99.4170, -19.4326, -20.5367
Hunter-Lab	38.8026, -20.0950, 17.0260

Details

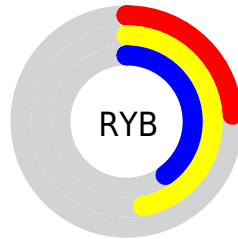
The XYZ color **10.3929, 15.0564, 6.6334** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.5400, 7.4477, 18.3357**, and the grayscale version is **12.0142, 12.6399, 13.7648**.

A 20% lighter version of the original color is **26.2652, 35.1212, 19.8627**, and **2.7214, 4.6450, 1.1686** is the 20% darker color. If you saturate the color by 10%, you get **9.4699, 14.6134, 5.1289**, and if you desaturate by 10%, it is **11.4804, 15.5769, 8.5157**.

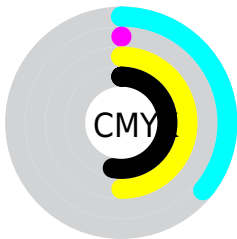
Distribution



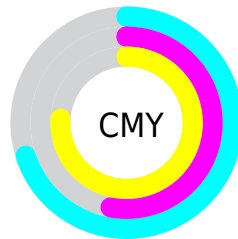
- Red (30%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (40%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (53%)





- Cyan (70%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.3929, 15.0564, 6.6334 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 10.3929, 15.0564, 6.6334 by changing the saturation by 10% instead.


 10.3929, 15.0564,
6.6334


 10.3929, 15.0564,
6.6334


187.4493,
223.7073, 174.0955


 5.7245, 8.8590,
3.1590


 26.1750, 34.9521,
19.7320


 2.7173, 4.6493,
1.1764

 38.0193, 49.4191,
30.1932


 1.0061, 2.0430,
0.0000

 52.9863, 67.4115,
43.8204

 0.0000, 0.6323,
0.0000

 71.4414, 89.3137,
61.0322

 0.0000, 0.0000,
0.0000

 93.7499, 115.5099,
82.2470

 120.2772,

146.3847, 107.8835

151.3885,
182.3224, 138.3601

■ 10.3929, 15.0564,
6.6334

■ 10.3929, 15.0564,
6.6334

■ 9.4699, 14.6134,
5.1289

■ 11.4804, 15.5769,
8.5157

■ 8.7018, 14.2421,
3.9756

■ 12.7390, 16.1766,
10.7979

■ 8.0795, 13.9391,
3.1453

■ 14.1766, 16.8593,
13.5017


■ 7.5927, 13.6996,
2.6049


■ 15.7999, 17.6283,
16.6466


■ 7.2154, 13.5127,
2.2423


■ 17.6155, 18.4863,
20.2514

 7.2011, 13.5057,
2.2273

 19.6295, 19.4363,
24.3334

 21.8479, 20.4810,
28.9091

 24.2763, 21.6228,
33.9943

 26.9200, 22.8643,
39.6042

Harmonies

Analogous

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



12.8394, 15.0564, 4.4627



10.3929, 15.0564, 6.6334



9.1131, 15.0564, 11.9887

Triad

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



10.3929, 15.0564, 6.6334



12.6761, 15.0564, 40.2593



21.2444, 15.0564, 12.4032

Complementary

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



10.3929, 15.0564, 6.6334



10.5400, 7.4477, 18.3357

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.



21.1830, 15.0564, 21.7642



10.3929, 15.0564, 6.6334



15.8902, 15.0564, 40.5061

Square

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



10.3929, 15.0564, 6.6334



10.2890, 15.0564, 32.2386



19.1067, 15.0564, 32.8223



19.2636, 15.0564, 6.8377

Rectangle

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



10.3929, 15.0564, 6.6334



8.9511, 15.0564, 17.7234



19.1067, 15.0564, 32.8223



21.4703, 15.0564, 15.1325

Sweetspot

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



10.3933, 15.0570, 6.6337



26.5643, 30.7479, 26.4428



13.2033, 13.8074, 6.2444



6.1801, 7.2323, 6.0441



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.



10.3933, 15.0570, 6.6337



16.8194, 26.1009, 8.9686



9.6562, 14.6332, 8.5816



3.7252, 4.1418, 3.9454



7.6420, 14.3440, 2.3659



36.5217, 69.5294, 11.4956

Inverse Universe

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



10.5400, 7.4477, 18.3357



17.0918, 10.8252, 32.4417



11.8370, 8.1992, 14.6542



3.7344, 3.7104, 4.6096



7.6779, 3.5494, 18.8230



36.5643, 16.8581, 91.6871

Previews

White Background



This preview shows how the XYZ color 10.3929, 15.0564, 6.6334 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 10.3929, 15.0564, 6.6334 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 10.3929, 15.0564, 6.6334

Background



This preview shows how black text looks on a background with the XYZ color 10.3929, 15.0564, 6.6334.



This preview shows how white text looks on a background with the XYZ color 10.3929, 15.0564,

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

10.3929, 15.0564, 6.6334

Protanopia

13.6841, 14.9326, 5.9024

Deuteranopia

15.1357, 14.8960, 6.9280



Tritanopia

13.0831, 14.9473, 20.2847

Trichromacy



Original Color

10.3929, 15.0564, 6.6334

Protanomaly

12.1262, 14.7673, 6.0822

Deuteranomaly

12.9214, 14.6757, 6.8543

Tritanomaly

11.8625, 14.9562, 14.0660

Monochromacy



Original Color

10.3929, 15.0564, 6.6334

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.1081, 13.1881, 10.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3929, 15.0564, 6.6334 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(76, 119, 60)` looks like.

```
.text, #text, p{  
    color:rgb(76, 119, 60)  
}
```

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(76, 119, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 119, 60) }
```

Border

The CSS property to change the border of an element to XYZ 10.3929, 15.0564, 6.6334 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(76, 119, 60) }
```


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

```
.border{ border-color:rgb(76, 119, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 119, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 119, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 119, 60);  
box-shadow:4px 4px 4px 4px rgb(76, 119,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3929, 15.0564, 6.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 119, 60) }
```

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

```
.background{ background-color: rgb(76, 119,  
60) }
```

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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