

Converting Colors

XYZ(11.3929, 16.4524, 8.0440)

Have a look what the booklet for
XYZ(11.3929, 16.4524, 8.0440)
contains.

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Color

**XYZ(11.3929, 16.4524,
8.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7C44
RGB	78, 124, 68
RGB Percent	31%, 49%, 27%
CMY	0.6941, 0.5137, 0.7333
CMYK	0.37, 0.00, 0.45, 0.51
HSL	109°, 29%, 38%
HSV	109°, 45%, 49%
XYZ	11.3929, 16.4524, 8.0440
YIQ	103.8620, -9.4400, -27.1680

Conversions

Conversions Part 2

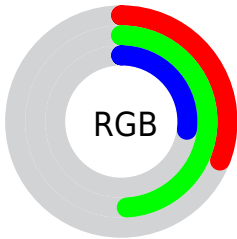
Format	Color
R_{YB}	68, 124, 114
Decimal	5143620
CIE _{Lab}	47.56, -27.45, 25.67
CIE _{LCh}	48, 37.581, 136.916
Yxy	16.4524, 0.3174, 0.4584
Android (android.graphics.Color)	4283333700 (0xFF4E7C44)
YUV	103.8620, -17.6800, -22.6810
Hunter-Lab	40.5616, -20.8458, 16.6349

Details

The XYZ color **11.3929, 16.4524, 8.0440** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.6456, 9.1675, 20.1728**, and the grayscale version is **13.1691, 13.8549, 15.0880**.

A 20% lighter version of the original color is **27.9863, 37.3958, 22.5727**, and **3.1496, 5.3409, 1.6755** is the 20% darker color. If you saturate the color by 10%, you get **10.2830, 15.9199, 6.2213**, and if you desaturate by 10%, it is **12.7130, 17.0850, 10.2952**.

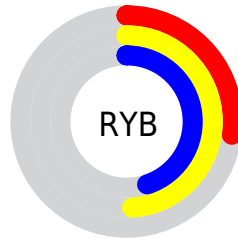
Distribution



Red (31%)

Green (49%)

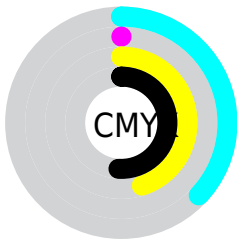
Blue (27%)



Red (27%)

Yellow (49%)

Blue (45%)

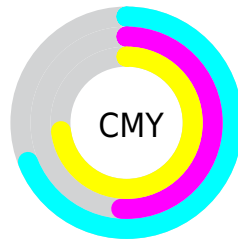


Cyan (37%)

Magenta (0%)

Yellow (45%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3929, 16.4524, 8.0440 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 11.3929, 16.4524, 8.0440 by changing the saturation by 10% instead.

■ 11.3929, 16.4524,
8.0440

■ 11.3929, 16.4524,
8.0440

194.1967,
231.9966, 186.0242

■ 6.4010, 9.8448,
4.0349

■ 28.0110, 37.3818,
22.5922

■ 3.1334, 5.2962,
1.6445

■ 40.3679, 52.4725,
33.9685

■ 1.2247, 2.4221,
0.3223

■ 55.9105, 71.1597,
48.6376

■ 0.1257, 0.8372,
0.0000

■ 75.0042, 93.8277,
67.0180

■ 0.0000, 0.0000,
0.0000

■ 98.0143, 120.8610,
89.5284

125.3062,

152.6440, 116.5872

157.2452,
189.5611, 148.6129

■ 11.3929, 16.4524,
8.0440

■ 11.3929, 16.4524,
8.0440

■ 10.2830, 15.9199,
6.2213

■ 12.7130, 17.0850,
10.2952

■ 9.3711, 15.4803,
4.7990

■ 14.2523, 17.8203,
12.9985

■ 8.6454, 15.1288,
3.7471


■ 16.0208, 18.6634,
16.1772


■ 8.0926, 14.8591,
3.0311


■ 18.0273, 19.6186,
19.8526


■ 7.6947, 14.6631,
2.5970


■ 20.2804, 20.6896,
24.0448

 7.5420, 14.5882,
2.4183

 22.7881, 21.8803,
28.7725

 25.5580, 23.1943,
34.0538

 28.5976, 24.6348,
39.9059

 31.9139, 26.2054,
46.3450

Harmonies

Analogous

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



13.8389, 16.4524, 5.4343



11.3929, 16.4524, 8.0440



10.1698, 16.4524, 14.0574

Triad

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



11.3929, 16.4524, 8.0440



14.2255, 16.4524, 42.5277



22.6372, 16.4524, 13.0689

Complementary

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



11.3929, 16.4524, 8.0440



12.6456, 9.1675, 20.1728

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.



22.7800, 16.4524, 22.4181



11.3929, 16.4524, 8.0440



17.5856, 16.4524, 41.9626

Square

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



11.3929, 16.4524, 8.0440



11.6410, 16.4524, 35.0259



20.8238, 16.4524, 33.6810



20.4577, 16.4524, 7.5438

Rectangle

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



11.3929, 16.4524, 8.0440



10.0798, 16.4524, 20.2258



20.8238, 16.4524, 33.6810



22.9349, 16.4524, 15.7852

Sweetspot

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



11.3933, 16.4531, 8.0444



28.4680, 32.9734, 28.9692



15.3436, 16.6778, 7.8795



6.5629, 7.6982, 6.5654



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.3933, 16.4531, 8.0444



18.0735, 28.0037, 10.9134



11.2611, 16.3127, 11.3034



4.0115, 4.4812, 4.2780



7.6650, 14.8287, 2.4582



36.0372, 70.4633, 11.7014

Inverse Universe

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



12.6456, 9.1675, 20.1728



20.5499, 13.4794, 35.0753



12.9954, 9.4660, 14.8514



4.0877, 4.0431, 5.0081



9.2511, 4.3418, 19.7358



43.4804, 20.3770, 94.1113

Previews

White Background



This preview shows how the XYZ color 11.3929, 16.4524, 8.0440 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 11.3929, 16.4524, 8.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

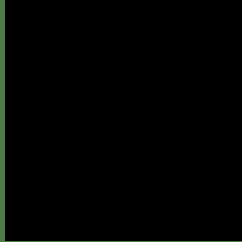
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3929, 16.4524, 8.0440

Background



This preview shows how black text looks on a background with the XYZ color 11.3929, 16.4524, 8.0440.



This preview shows how white text looks on a background with the XYZ color 11.3929, 16.4524,

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

11.3929, 16.4524, 8.0440

Protanopia

14.8880, 16.1695, 7.1868

Deuteranopia

16.4191, 16.1342, 8.3797



Tritanopia

14.3119, 16.3787, 22.4858

Trichromacy



Original Color

11.3929, 16.4524, 8.0440

Protanomaly

13.2629, 15.9982, 7.3900

Deuteranomaly

13.9819, 15.8426, 8.2822

Tritanomaly

13.0643, 16.4048, 16.1136

Monochromacy



Original Color

11.3929, 16.4524, 8.0440

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.2921, 14.5571, 12.0595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3929, 16.4524, 8.0440 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(78, 124, 68)` looks like.

```
.text, #text, p{  
    color:rgb(78, 124, 68)  
}
```

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(78, 124, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 124, 68) }
```

Border

The CSS property to change the border of an element to XYZ 11.3929, 16.4524, 8.0440 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(78, 124, 68) }
```


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

```
.border{ border-color:rgb(78, 124, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 124, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 124, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 124, 68);  
box-shadow:4px 4px 4px 4px rgb(78, 124,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3929, 16.4524, 8.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 124, 68) }
```

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

```
.background{ background-color: rgb(78, 124,  
68) }
```

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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