

Converting Colors

XYZ(11.2714, 16.2394, 9.1596)

Have a look what the booklet for
XYZ(11.2714, 16.2394, 9.1596)
contains.

XYZ(11.2546, 16.1698, 9.1845)	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(11.2546, 16.1698,
9.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7B4B
RGB	75, 123, 75
RGB Percent	29%, 48%, 29%
CMY	0.7059, 0.5176, 0.7059
CMYK	0.39, 0.00, 0.39, 0.52
HSL	120°, 24%, 39%
HSV	120°, 39%, 48%
XYZ	11.2546, 16.1698, 9.1845
YIQ	103.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

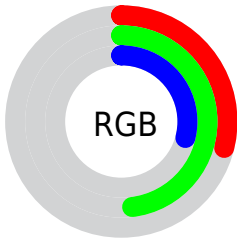
Format	Color
RYB	75, 123, 123
Decimal	4946763
CIELab	47.20, -26.87, 21.25
CIELCh	47, 34.256, 141.666
Yxy	16.1698, 0.3074, 0.4417
Android (android.graphics.Color)	4283136843 (0xFF4B7B4B)
YUV	103.1760, -13.8908, -24.7104
Hunter-Lab	40.2117, -20.4112, 14.6061

Details

The XYZ color **11.2546, 16.1698, 9.1845** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **14.2601, 10.6734, 20.0480**, and the grayscale version is **12.9772, 13.6530, 14.8681**.

A 20% lighter version of the original color is **27.7676, 36.9415, 24.7357**, and **3.1091, 5.2109, 2.0702** is the 20% darker color. If you saturate the color by 10%, you get **10.0030, 15.5691, 7.1369**, and if you desaturate by 10%, it is **12.7745, 16.9004, 11.6703**.

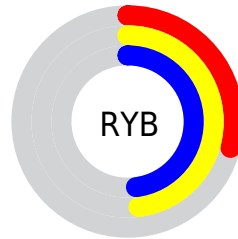
Distribution



Red (29%)

Green (48%)

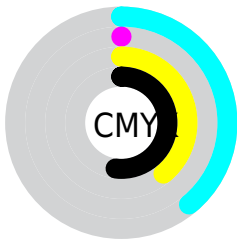
Blue (29%)



Red (29%)

Yellow (48%)

Blue (48%)

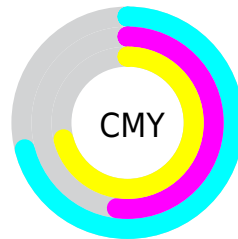


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2546, 16.1698, 9.1845 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 11.2546, 16.1698, 9.1845 by changing the saturation by 10% instead.

■ 11.2546, 16.1698,
9.1845

■ 11.2546, 16.1698,
9.1845

193.2785,
230.3416, 195.0168

■ 6.3069, 9.6444,
4.7633

■ 27.7588, 36.8927,
24.8333

■ 3.0750, 5.1638,
2.0527

■ 40.0460, 51.8590,
36.8979

■ 1.1936, 2.3437,
0.5874

■ 55.5105, 70.4078,
52.3474

■ 0.1013, 0.7967,
0.0000

■ 74.5175, 92.9233,
71.6003

■ 0.0000, 0.0000,
0.0000

■ 97.4325, 119.7901,
95.0751

124.6207,

151.3925, 123.1905

156.4476,
188.1148, 156.3649

■ 11.2546, 16.1698,
9.1845

■ 11.2546, 16.1698,
9.1845

■ 10.0030, 15.5691,
7.1369

■ 12.7745, 16.9004,
11.6703

■ 9.0029, 15.0887,
5.5011

■ 14.5758, 17.7656,
14.6165

■ 8.2378, 14.7212,
4.2496


■ 16.6719, 18.7725,
18.0452


■ 7.6884, 14.4573,
3.3510


■ 19.0754, 19.9270,
21.9765


■ 7.3327, 14.2864,
2.7690

■ 21.7980, 21.2348,
26.4296


 7.1049, 14.1770,
2.3965

 24.8506, 22.7011,
31.4226

 7.0833, 14.1666,
2.3612

 28.2438, 24.3311,
36.9728

 31.9877, 26.1295,
43.0966

 36.0920, 28.1010,
49.8098

Harmonies

Analogous

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



13.3260, 16.1698, 6.2436



11.2546, 16.1698, 9.1845



10.3161, 16.1698, 15.3074

Triad

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



11.2546, 16.1698, 9.1845



14.5438, 16.1698, 39.6776



21.4118, 16.1698, 12.1594

Complementary

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



11.2546, 16.1698, 9.1845



14.2601, 10.6734, 20.0480

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.



21.8494, 16.1698, 20.1242



11.2546, 16.1698, 9.1845



17.6106, 16.1698, 37.9869

Square

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



11.2546, 16.1698, 9.1845



12.0458, 16.1698, 34.1083



20.3805, 16.1698, 30.0446



19.2530, 16.1698, 7.5287

Rectangle

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



11.2546, 16.1698, 9.1845



10.3611, 16.1698, 21.1821



20.3805, 16.1698, 30.0446



21.7754, 16.1698, 14.4572

Sweetspot

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



11.2550, 16.1705, 9.1849



28.5671, 32.9972, 30.2083



16.5221, 18.8858, 9.4312



6.6368, 7.7275, 6.9653



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.



11.2550, 16.1705, 9.1849



18.0887, 27.9638, 13.0690



12.2372, 16.5633, 14.3568



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



14.2601, 10.6734, 20.0480



24.2894, 16.6213, 35.4839



12.9371, 10.1442, 13.0809



4.1545, 4.0775, 5.0112



12.1484, 5.8355, 19.8704



57.9492, 27.8360, 94.7836

Previews

White Background



This preview shows how the XYZ color 11.2546, 16.1698, 9.1845 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 11.2546, 16.1698, 9.1845 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 11.2546, 16.1698, 9.1845

Background



This preview shows how black text looks on a background with the XYZ color 11.2546, 16.1698, 9.1845.



This preview shows how white text looks on a background with the XYZ color 11.2546, 16.1698,

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

11.2546, 16.1698, 9.1845

Protanopia

14.6751, 15.8760, 8.0853

Deuteranopia

16.3418, 16.0664, 9.6370



Tritanopia

13.8735, 16.1602, 22.1267

Trichromacy



Original Color

11.2546, 16.1698, 9.1845

Protanomaly

13.0094, 15.6724, 8.4703

Deuteranomaly

13.9624, 15.8051, 9.5225

Tritanomaly

12.6440, 16.0045, 16.3327

Monochromacy



Original Color

11.2546, 16.1698, 9.1845

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.0659, 14.2693, 12.4742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2546, 16.1698, 9.1845 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(75, 123, 75)` looks like.

```
.text, #text, p{  
    color:rgb(75, 123, 75)  
}
```

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(75, 123, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 123, 75) }
```

Border

The CSS property to change the border of an element to XYZ 11.2546, 16.1698, 9.1845 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(75, 123, 75) }
```


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

```
.border{ border-color:rgb(75, 123, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 123, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 123, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 123, 75);  
box-shadow:4px 4px 4px 4px rgb(75, 123,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2546, 16.1698, 9.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 123, 75) }
```

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

```
.background{ background-color: rgb(75, 123,  
75) }
```

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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