

Converting Colors

XYZ(14.7053, 21.3857, 11.7795)

Have a look what the booklet for
XYZ(14.7053, 21.3857, 11.7795)
contains.

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Color

**XYZ(14.6345, 21.2811,
11.7238)**

Conversions

Conversions Part 1

Format	Color
Hex	548C54
RGB	84, 140, 84
RGB Percent	33%, 55%, 33%
CMY	0.6706, 0.4510, 0.6706
CMYK	0.40, 0.00, 0.40, 0.45
HSL	120°, 25%, 44%
HSV	120°, 40%, 55%
XYZ	14.6345, 21.2811, 11.7238
YIQ	116.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

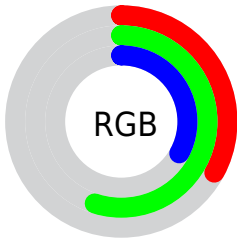
Format	Color
RYB	84, 140, 140
Decimal	5540948
CIELab	53.26, -30.53, 24.26
CIElCh	53, 38.992, 141.528
Yxy	21.2811, 0.3072, 0.4467
Android (android.graphics.Color)	4283731028 (0xFF548C54)
YUV	116.8720, -16.2059, -28.8287
Hunter-Lab	46.1314, -24.1036, 17.2241

Details

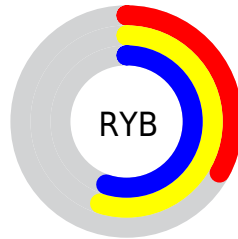
The XYZ color **14.6345, 21.2811, 11.7238** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.7199, 13.8100, 26.4909**, and the grayscale version is **16.9214, 17.8026, 19.3870**.

A 20% lighter version of the original color is **33.7482, 45.5390, 29.5655**, and **4.5494, 7.6080, 3.0624** is the 20% darker color. If you saturate the color by 10%, you get **13.0099, 20.5013, 9.0660**, and if you desaturate by 10%, it is **16.6203, 22.2356, 14.9716**.

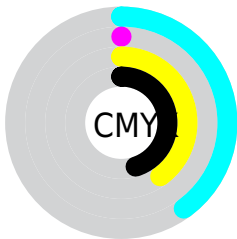
Distribution



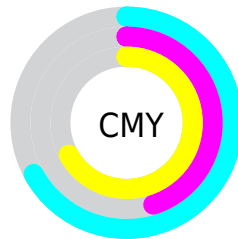
- Red (33%)
- Green (55%)
- Blue (33%)



- Red (33%)
- Yellow (55%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6345, 21.2811, 11.7238 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 14.6345, 21.2811, 11.7238 by changing the saturation by 10% instead.

■ 14.6345, 21.2811,
11.7238

■ 14.6345, 21.2811,
11.7238

214.5757,
258.7686, 213.4807

■ 8.6479, 13.3296,
6.4356

■ 33.7876, 45.5549,
29.6479

■ 4.5675, 7.6559,
3.0387

■ 47.6849, 62.6460,
43.1209

■ 2.0279, 3.8756,
1.1144

■ 64.9498, 83.5525,
60.1593

■ 0.6496, 1.6042,
0.0000

■ 85.9476, 108.6587,
81.1816

■ 0.0000, 0.3604,
0.0000

■ 111.0438,
138.3490, 106.6063

■ 0.0000, 0.0000,
0.0000

140.6036,

173.0078, 136.8521

174.9925,
213.0196, 172.3374

■ 14.6345, 21.2811,
11.7238

■ 14.6345, 21.2811,
11.7238

■ 13.0099, 20.5013,
9.0660

■ 16.6203, 22.2356,
14.9716

■ 11.7233, 19.8833,
6.9615

■ 18.9855, 23.3718,
18.8403

■ 10.7513, 19.4164,
5.3717


■ 21.7490, 24.6992,
23.3604


■ 10.0670, 19.0877,
4.2524


■ 24.9279, 26.2262,
28.5601


■ 9.6389, 18.8821,
3.5521


■ 28.5383, 27.9605,
34.4656

 9.3785, 18.7570,
3.1262

 32.5957, 29.9094,
41.1021

 37.1144, 32.0800,
48.4933

 42.1085, 34.4789,
56.6620

 47.5911, 37.1125,
65.6299

Harmonies

Analogous

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



17.4557, 21.2811, 7.8200



14.6345, 21.2811, 11.7238



13.3566, 21.2811, 19.9854

Triad

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



14.6345, 21.2811, 11.7238



19.0816, 21.2811, 53.6565



28.5325, 21.2811, 15.7999

Complementary

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



14.6345, 21.2811, 11.7238



18.7199, 13.8100, 26.4909

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.



29.1232, 21.2811, 26.6794



14.6345, 21.2811, 11.7238



23.2772, 21.2811, 51.3522

Square

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



14.6345, 21.2811, 11.7238



15.6857, 21.2811, 45.8745



27.0888, 21.2811, 40.3575



25.5698, 21.2811, 9.5558

Rectangle

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



14.6345, 21.2811, 11.7238



13.4123, 21.2811, 28.0104



27.0888, 21.2811, 40.3575



29.0298, 21.2811, 18.9246

Sweetspot

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



14.6350, 21.2820, 11.7243



37.1826, 42.9867, 39.2861



21.7945, 24.9728, 12.0592



8.4394, 9.8435, 8.8424



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.6350, 21.2820, 11.7243



23.1921, 36.2663, 16.4019



15.9595, 21.8118, 18.6987



4.9719, 5.6082, 5.3729



8.3329, 16.6657, 2.7776



0.0554, 0.1107, 0.0185

Inverse Universe

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



18.7199, 13.8100, 26.4909



31.4290, 21.1994, 46.1780



16.9108, 13.0864, 16.9644



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5981



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 14.6345, 21.2811, 11.7238 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 14.6345, 21.2811, 11.7238 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 14.6345, 21.2811, 11.7238

Background



This preview shows how black text looks on a background with the XYZ color 14.6345, 21.2811, 11.7238.



This preview shows how white text looks on a background with the XYZ color 14.6345, 21.2811,

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

14.6345, 21.2811, 11.7238

Protanopia

19.4819, 21.1465, 10.4520

Deuteranopia

21.3613, 20.9586, 12.1521



Tritanopia

18.2454, 21.2755, 29.5305

Trichromacy



Original Color

14.6345, 21.2811, 11.7238

Protanomaly

17.2077, 20.9482, 10.9210

Deuteranomaly

18.1919, 20.6385, 12.0416

Tritanomaly

16.7306, 21.2888, 21.6397

Monochromacy



Original Color

14.6345, 21.2811, 11.7238

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.7091, 18.6904, 16.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6345, 21.2811, 11.7238 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(84, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(84, 140, 84)  
}
```

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(84, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 140, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.6345, 21.2811, 11.7238 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(84, 140, 84) }
```


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

```
.border{ border-color:rgb(84, 140, 84) }
```

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

Here you see how a box with a 4 pixel rgb(84, 140, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(84, 140,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6345, 21.2811, 11.7238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 140, 84) }
```

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

```
.background{ background-color: rgb(84, 140,  
84) }
```

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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