

Converting Colors

XYZ(30.6633, 55.0659, 14.3258)

Have a look what the booklet for
XYZ(30.6633, 55.0659, 14.3258)
contains.

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Color

**XYZ(30.8107, 55.3363,
14.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	4EE043
RGB	78, 224, 67
RGB Percent	31%, 88%, 26%
CMY	0.6941, 0.1216, 0.7372
CMYK	0.65, 0.00, 0.70, 0.12
HSL	116°, 72%, 57%
HSV	116°, 70%, 88%
XYZ	30.8107, 55.3363, 14.3673
YIQ	162.4480, -36.6190, -79.7790

Conversions

Conversions Part 2

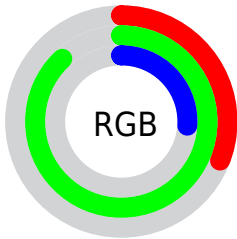
Format	Color
RYB	67, 224, 213
Decimal	5169219
CIELab	79.23, -67.02, 62.38
CIELCh	79, 91.558, 137.056
Yxy	55.3363, 0.3065, 0.5505
Android (android.graphics.Color)	4283359299 (0xFF4EE043)
YUV	162.4480, -47.0559, -74.0609
Hunter-Lab	74.3884, -56.2473, 40.6206

Details

The XYZ color **30.8107, 55.3363, 14.3673** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **42.9059, 23.5445, 72.8072**, and the grayscale version is **34.7808, 36.5921, 39.8488**.

A 20% lighter version of the original color is **50.6628, 78.7897, 31.2766**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **28.8199, 54.3748, 11.4194**, and if you desaturate by 10%, it is **33.6043, 56.6849, 18.7110**.

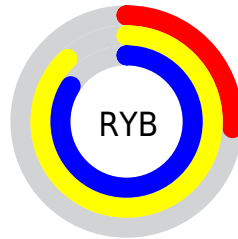
Distribution



Red (31%)

Green (88%)

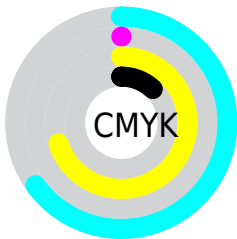
Blue (26%)



Red (26%)

Yellow (88%)

Blue (84%)

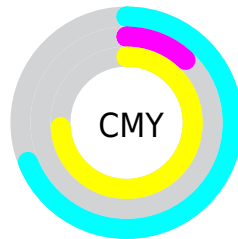


Cyan (65%)

Magenta (0%)

Yellow (70%)

Black (12%)



Cyan (69%)


Magenta (12%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8107, 55.3363, 14.3673 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 30.8107, 55.3363, 14.3673 by changing the saturation by 10% instead.


 30.8107, 55.3363,
14.3673


 30.8107, 55.3363,
14.3673


297.5077,
407.1855, 231.0113

 20.6059, 39.6710,
8.2349


 60.3198, 98.0335,
34.4658


 12.9470, 27.2822,
4.1557


 80.3547, 125.8343,
49.2690


 7.4688, 17.7852,
1.7111


 104.3971,
158.4489, 67.7995

 3.8059, 10.7959,
0.3684

 132.8123,
196.2620, 90.4760

 1.5929, 5.9298,
0.0000

 165.9656,
239.6578, 117.7168

 0.3878, 2.8024,
0.0000

204.2223,

 0.0000, 1.0295,

289.0207, 149.9406

0.0000

247.9479,
344.7351, 187.5660

■ 0.0000, 0.0000,
0.0000

■ 30.8107, 55.3363,
14.3673

■ 30.8107, 55.3363,
14.3673

■ 28.8199, 54.3748,
11.4194

■ 33.6043, 56.6849,
18.7110

■ 27.5430, 53.7535,
9.6932


■ 37.2698, 58.4482,
24.5901


■ 26.8652, 53.4210,
8.8953


■ 41.8732, 60.6592,
32.1314


■ 47.4731, 63.3456,
41.4476

■ 54.1232, 66.5330,
52.6415

 61.8735, 70.2451,
65.8080

 70.7708, 74.5039,
81.0357

 80.8590, 79.3305,
98.4077

 85.9468, 81.7936,
105.8656

Harmonies

Analogous

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



42.9337, 55.3363, 6.1332



30.8107, 55.3363, 14.3673



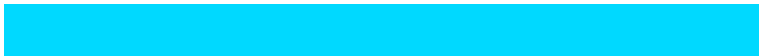
25.2121, 55.3363, 40.3772

Triad

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



30.8107, 55.3363, 14.3673



45.0995, 55.3363, 221.5332



93.9252, 55.3363, 35.2608

Complementary

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



30.8107, 55.3363, 14.3673



42.9059, 23.5445, 72.8072

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.



94.8904, 55.3363, 85.7665



30.8107, 55.3363, 14.3673



63.6078, 55.3363, 217.1045

Square

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



30.8107, 55.3363, 14.3673



32.0777, 55.3363, 168.2459



82.7927, 55.3363, 158.3085



80.4001, 55.3363, 12.4893

Rectangle

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



30.8107, 55.3363, 14.3673



24.8295, 55.3363, 73.5000



82.7927, 55.3363, 158.3085



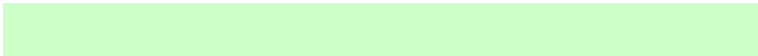
95.8239, 55.3363, 48.6997

Sweetspot

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



30.8120, 55.3386, 14.3685



71.5878, 88.7659, 68.8967



55.0297, 62.8026, 14.5328



14.7698, 18.7346, 13.8137



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.8120, 55.3386, 14.3685



37.7765, 72.5137, 14.0851



33.1657, 56.1846, 31.0781



13.6172, 15.3828, 14.5583



15.6717, 31.1116, 5.1792



1.1179, 2.1728, 0.3605

Inverse Universe

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



42.9059, 23.5445, 72.8072



54.7709, 27.3172, 96.9937



38.9716, 22.3519, 34.8741



14.1953, 13.8842, 17.3194



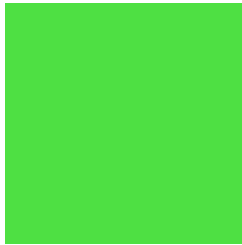
23.0647, 10.9856, 41.9531



1.6275, 0.7763, 2.9093

Previews

White Background



This preview shows how the XYZ color 30.8107, 55.3363, 14.3673 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.8107, 55.3363, 14.3673 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 ✓ Pass

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

XYZ 30.8107, 55.3363, 14.3673

Background



This preview shows how black text looks on a background with the XYZ color 30.8107, 55.3363, 14.3673.



This preview shows how white text looks on a background with the XYZ color 30.8107, 55.3363,

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

30.8107, 55.3363, 14.3673

Protanopia

49.2180, 54.2514, 12.0152

Deuteranopia

55.4521, 54.1693, 15.3177



Tritanopia

43.8640, 54.8738, 80.2313

Trichromacy



Original Color

30.8107, 55.3363, 14.3673



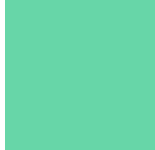
Protanomaly

38.8772, 52.7059, 12.6816



Deuteranomaly

41.0193, 51.3137, 14.5801



Tritanomaly

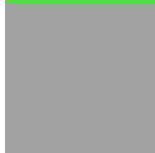
36.7080, 53.8039, 45.4963

Monochromacy



Original Color

30.8107, 55.3363, 14.3673



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

30.5398, 41.0555, 26.3936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8107, 55.3363, 14.3673 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, 224, 67)` looks like.

```
.text, #text, p{  
    color:rgb(78, 224, 67)  
}
```

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, 224, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 224, 67) }
```

Border

The CSS property to change the border of an element to XYZ 30.8107, 55.3363, 14.3673 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, 224, 67) }
```


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

```
.border{ border-color:rgb(78, 224, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 224, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 224, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 224, 67);  
box-shadow:4px 4px 4px 4px rgb(78, 224,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8107, 55.3363, 14.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 224, 67) }
```

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

```
.background{ background-color: rgb(78, 224,  
67) }
```

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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