

Converting Colors

XYZ(30.3799, 56.0762, 9.2226)

Have a look what the booklet for
XYZ(30.3799, 56.0762, 9.2226)
contains.

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Color

**XYZ(30.3382, 56.0124,
9.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	4EE200
RGB	78, 226, 0
RGB Percent	31%, 89%, 0%
CMY	0.6941, 0.1137, 0.9999
CMYK	0.65, 0.00, 1.00, 0.11
HSL	99°, 100%, 44%
HSV	99°, 100%, 89%
XYZ	30.3382, 56.0124, 9.2125
YIQ	155.9840, -15.6620, -101.6620

Conversions

Conversions Part 2

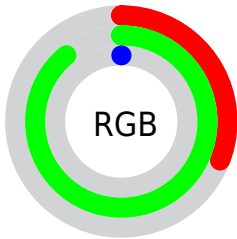
Format	Color
RYB	0, 226, 148
Decimal	5169664
CIELab	79.62, -70.45, 77.06
CIELCh	80, 104.413, 132.434
Yxy	56.0124, 0.3175, 0.5861
Android (android.graphics.Color)	4283359744 (0xFF4EE200)
YUV	155.9840, -76.9001, -68.3920
Hunter-Lab	74.8414, -58.6146, 45.0908

Details

The XYZ color **30.3382, 56.0124, 9.2125** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **25.9475, 11.7911, 72.8629**, and the grayscale version is **31.9331, 33.5961, 36.5862**.

A 20% lighter version of the original color is **49.1574, 78.2279, 21.5255**, and **14.1880, 28.3759, 4.7293** is the 20% darker color. If you saturate the color by 10%, you get **30.3377, 56.0139, 9.2128**, and if you desaturate by 10%, it is **31.8426, 56.7722, 10.0712**.

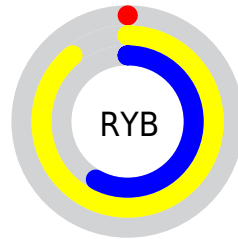
Distribution



Red (31%)

Green (89%)

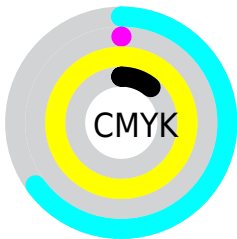
Blue (0%)



Red (0%)

Yellow (89%)

Blue (58%)

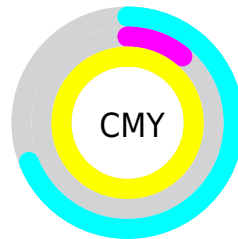


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (69%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3382, 56.0124, 9.2125 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 30.3382, 56.0124, 9.2125 by changing the saturation by 10% instead.


 30.3382, 56.0124,
9.2125


 30.3382, 56.0124,
9.2125


295.3593,
409.7382, 195.2314


 20.2448, 40.2129,
4.7813


 59.5796, 99.0227,
24.8876


 12.6824, 27.7046,
2.0631


 79.4582, 127.0023,
36.9686


 7.2857, 18.1031,
0.5937


 103.3294,
159.8106, 52.4367

 3.6893, 11.0240,
0.0000

 131.5583,
197.8322, 71.7103

 1.5279, 6.0830,
0.0000

 164.5104,
241.4513, 95.2080

 0.3447, 2.8956,
0.0000

 202.5511,

 0.0000, 1.0775,

291.0525, 123.3484

0.0000

246.0456,
347.0200, 156.5500

■ 0.0000, 0.0000,
0.0000

■ 30.3382, 56.0124,
9.2125

■ 30.3382, 56.0124,
9.2125

■ 30.3377, 56.0139,
9.2128

■ 31.8426, 56.7722,
10.0712

■ 33.8119, 57.7497,
11.8708

■ 36.3195, 58.9777,
14.9115

■ 39.4123, 60.4767,
19.3655

■ 43.1311, 62.2645,
25.3774

■ 47.5125, 64.3574,
33.0741

■ 52.5902, 66.7702,
42.5693

■ 58.3951, 69.5165,
53.9669

■ 64.9564, 72.6092,
67.3630

Harmonies

Analogous

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



44.9927, 56.0124, 3.3870



30.3382, 56.0124, 9.2125



23.2304, 56.0124, 32.2751

Triad

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



30.3382, 56.0124, 9.2125



41.9369, 56.0124, 251.5897



103.3305, 56.0124, 39.2852

Complementary

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



30.3382, 56.0124, 9.2125



25.9475, 11.7911, 72.8629

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.



101.8785, 56.0124, 103.0695



30.3382, 56.0124, 9.2125



62.4340, 56.0124, 258.5594

Square

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



30.3382, 56.0124, 9.2125



28.6115, 56.0124, 177.3463



85.4712, 56.0124, 192.7149



89.0315, 56.0124, 11.4537

Rectangle

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



30.3382, 56.0124, 9.2125



22.1822, 56.0124, 66.0434



85.4712, 56.0124, 192.7149



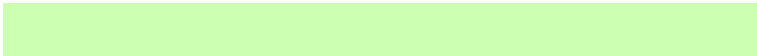
104.7569, 56.0124, 56.1974

Sweetspot

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



30.3395, 56.0148, 9.2137



68.9941, 87.7187, 55.6782



41.7858, 37.0100, 4.9422



14.1384, 18.4768, 10.7243



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.



30.3395, 56.0148, 9.2137



39.7830, 73.5939, 12.1083



27.4856, 54.5103, 10.5807



13.9725, 15.5660, 14.5749



17.4221, 32.0139, 5.2611



1.3016, 2.2675, 0.3691

Inverse Universe

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



25.9475, 11.7911, 72.8629



33.9898, 15.4373, 95.7960



40.8921, 19.9807, 51.6334



13.8119, 13.6866, 17.3015



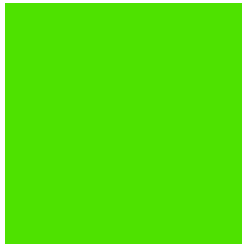
14.9335, 6.7938, 41.5726



1.1302, 0.5200, 2.8860

Previews

White Background



This preview shows how the XYZ color 30.3382, 56.0124, 9.2125 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 30.3382, 56.0124, 9.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

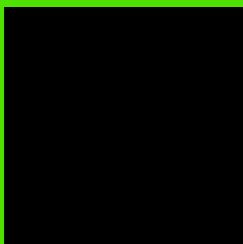
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

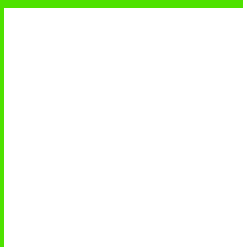
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3382, 56.0124, 9.2125

Background



This preview shows how black text looks on a background with the XYZ color 30.3382, 56.0124, 9.2125.



This preview shows how white text looks on a background with the XYZ color 30.3382, 56.0124,

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

30.3382, 56.0124, 9.2125

Protanopia

49.5587, 54.8520, 7.9755

Deuteranopia

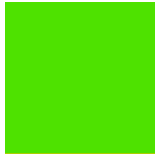
56.0984, 54.9240, 10.4410



Tritanopia

44.5195, 55.5612, 81.0510

Trichromacy



Original Color

30.3382, 56.0124, 9.2125



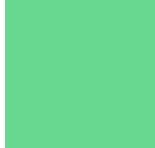
Protanomaly

38.6750, 53.0607, 8.2033



Deuteranomaly

41.1416, 52.1865, 9.2009



Tritanomaly

35.2988, 54.0684, 34.9614

Monochromacy



Original Color

30.3382, 56.0124, 9.2125



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

27.6781, 38.5378, 17.7841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3382, 56.0124, 9.2125 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, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 226, 0)  
}
```

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, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 226, 0) }
```

Border

The CSS property to change the border of an element to XYZ 30.3382, 56.0124, 9.2125 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, 226, 0) }
```


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

```
.border{ border-color:rgb(78, 226, 0) }
```

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

Here you see how a box with a 4 pixel rgb(78, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(78, 226, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.3382, 56.0124, 9.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 226, 0) }
```

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

```
.background{ background-color: rgb(78, 226,  
0) }
```

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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