

Converting Colors

XYZ(32.1241, 57.3075, 10.1608)

Have a look what the booklet for
XYZ(32.1241, 57.3075, 10.1608)
contains.

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Color

**XYZ(32.1379, 57.3272,
10.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	5DE317
RGB	93, 227, 23
RGB Percent	36%, 89%, 9%
CMY	0.6353, 0.1098, 0.9097
CMYK	0.59, 0.00, 0.90, 0.11
HSL	99°, 82%, 49%
HSV	99°, 90%, 89%
XYZ	32.1379, 57.3272, 10.1820
YIQ	163.6780, -14.3800, -91.8520

Conversions

Conversions Part 2

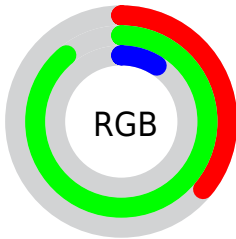
Format	Color
RYB	23, 227, 157
Decimal	6152983
CIELab	80.36, -67.02, 75.36
CIElCh	80, 100.857, 131.648
Yxy	57.3272, 0.3225, 0.5753
Android (android.graphics.Color)	4284343063 (0xFF5DE317)
YUV	163.6780, -69.3543, -61.9846
Hunter-Lab	75.7147, -56.7346, 45.0271

Details

The XYZ color **32.1379, 57.3272, 10.1820** 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 **28.0813, 13.3300, 73.7691**, and the grayscale version is **35.4596, 37.3063, 40.6265**.

A 20% lighter version of the original color is **51.6850, 79.4963, 23.2099**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **30.6210, 56.5646, 9.3132**, and if you desaturate by 10%, it is **34.1315, 58.3182, 12.0132**.

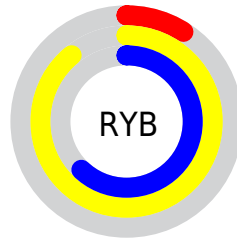
Distribution



Red (36%)

Green (89%)

Blue (9%)



Red (9%)

Yellow (89%)

Blue (62%)

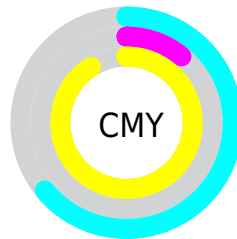


Cyan (59%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (64%)


Magenta (11%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1379, 57.3272, 10.1820 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 32.1379, 57.3272, 10.1820 by changing the saturation by 10% instead.


 32.1379, 57.3272,
10.1820


 32.1379, 57.3272,
10.1820


303.4811,
414.6742, 202.4979


 21.6229, 41.2680,
5.4126


 62.3909, 100.9425,
26.7504

 13.6951, 28.5286,
2.4284


 82.8597, 129.2673,
39.3865


 7.9892, 18.7245,
0.8018

 107.3771,
162.4495, 55.4820

 4.1398, 11.4714,
0.0000

 136.3085,
200.8734, 75.4553

 1.7815, 6.3848,
0.0000

 170.0192,
244.9234, 99.7250

 0.5065, 3.0805,
0.0000

 208.8747,

 0.0000, 1.1739,

294.9840, 128.7096

0.0000

253.2402,
351.4395, 162.8278

■ 0.0000, 0.0402,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.1379, 57.3272,
10.1820

■ 32.1379, 57.3272,
10.1820

■ 30.6210, 56.5646,
9.3132


■ 34.1315, 58.3182,
12.0132


■ 30.6023, 56.5552,
9.3033


■ 36.6697, 59.5611,
15.0995


■ 39.8014, 61.0788,
19.6157


■ 43.5679, 62.8896,
25.7079

 48.0065, 65.0097,
33.5041

 53.1509, 67.4543,
43.1191

 59.0328, 70.2372,
54.6580

 65.6816, 73.3716,
68.2175

 73.1251, 76.8697,
83.8881

Harmonies

Analogous

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



46.8605, 57.3272, 4.1606



32.1379, 57.3272, 10.1820



24.8301, 57.3272, 33.0337

Triad

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



32.1379, 57.3272, 10.1820



42.9218, 57.3272, 244.4164



103.3401, 57.3272, 42.1667

Complementary

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



32.1379, 57.3272, 10.1820



28.0813, 13.3300, 73.7691

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.



101.5103, 57.3272, 105.4867



32.1379, 57.3272, 10.1820



62.9008, 57.3272, 253.0635

Square

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



32.1379, 57.3272, 10.1820



29.8845, 57.3272, 172.5352



85.3504, 57.3272, 191.7180



89.8541, 57.3272, 13.2538

Rectangle

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



32.1379, 57.3272, 10.1820



23.6632, 57.3272, 65.7463



85.3504, 57.3272, 191.7180



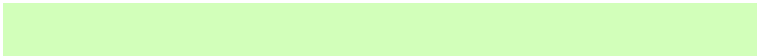
104.5722, 57.3272, 59.2070

Sweetspot

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



32.1392, 57.3296, 10.1833



71.1520, 88.7395, 59.9164



43.6576, 40.0393, 6.2388



14.6952, 18.7407, 11.7955



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.



32.1392, 57.3296, 10.1833



39.7358, 73.5696, 12.1061



28.4808, 55.3857, 12.6321



14.6532, 16.3283, 15.2838



17.9593, 33.0398, 5.4308



1.4240, 2.4915, 0.4058

Inverse Universe

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



28.0813, 13.3300, 73.7691



34.0956, 15.4918, 95.8009



41.9968, 20.9491, 54.2974



14.4899, 14.3548, 18.1514



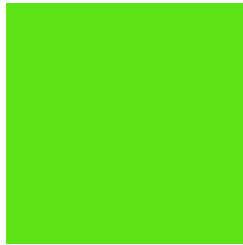
15.4575, 7.0345, 42.9263



1.2410, 0.5707, 3.1767

Previews

White Background



This preview shows how the XYZ color 32.1379, 57.3272, 10.1820 looks on a white background.

Color Contrast Check

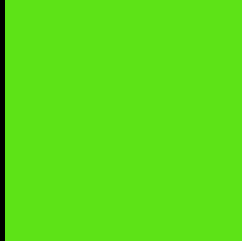
Large Text (above 18pt) WCAG AA × Fail

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 32.1379, 57.3272, 10.1820 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 32.1379, 57.3272, 10.1820

Background



This preview shows how black text looks on a background with the XYZ color 32.1379, 57.3272, 10.1820.

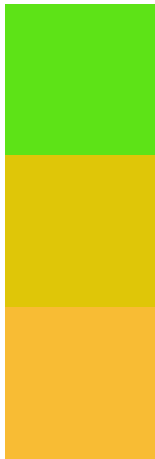


This preview shows how white text looks on a background with the XYZ color 32.1379, 57.3272,

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

32.1379, 57.3272, 10.1820

Protanopia

50.6693, 56.0937, 8.3863

Deuteranopia

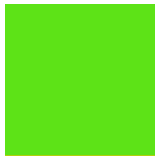
57.3145, 56.1708, 11.0701



Tritanopia

46.3511, 56.8571, 81.9303

Trichromacy



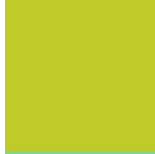
Original Color

32.1379, 57.3272, 10.1820



Protanomaly

40.7776, 54.8601, 8.8206



Deuteranomaly

43.2590, 53.6076, 10.1651



Tritanomaly

37.7651, 55.6386, 38.8859

Monochromacy



Original Color

32.1379, 57.3272, 10.1820



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

31.2322, 42.1362, 22.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1379, 57.3272, 10.1820 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(93, 227, 23)` looks like.

```
.text, #text, p{  
    color:rgb(93, 227, 23)  
}
```

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(93, 227, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 227, 23) }
```

Border

The CSS property to change the border of an element to XYZ 32.1379, 57.3272, 10.1820 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(93, 227, 23) }
```


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

```
.border{ border-color:rgb(93, 227, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 227, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 227, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 227, 23);  
box-shadow:4px 4px 4px 4px rgb(93, 227,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1379, 57.3272, 10.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 227, 23) }
```

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

```
.background{ background-color: rgb(93, 227,  
23) }
```

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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