

Converting Colors

XYZ(32.7288, 57.5572, 12.6570)

Have a look what the booklet for
XYZ(32.7288, 57.5572, 12.6570)
contains.

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Color

**XYZ(32.7050, 57.5658,
12.6364)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE334
RGB	94, 227, 52
RGB Percent	37%, 89%, 20%
CMY	0.6314, 0.1098, 0.7960
CMYK	0.59, 0.00, 0.77, 0.11
HSL	106°, 76%, 55%
HSV	106°, 77%, 89%
XYZ	32.7050, 57.5658, 12.6364
YIQ	167.2830, -23.0930, -82.6210

Conversions

Conversions Part 2

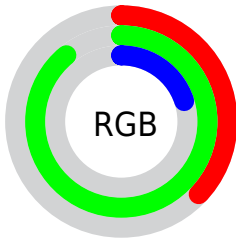
Format	Color
RYB	52, 227, 185
Decimal	6218548
CIELab	80.50, -65.56, 68.82
CIELCh	80, 95.050, 133.612
Yxy	57.5658, 0.3178, 0.5594
Android (android.graphics.Color)	4284408628 (0xFF5EE334)
YUV	167.2830, -56.8345, -64.2692
Hunter-Lab	75.8721, -55.8331, 43.2358

Details

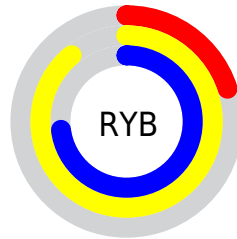
The XYZ color **32.7050, 57.5658, 12.6364** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **35.1046, 18.3188, 74.3619**, and the grayscale version is **37.1470, 39.0816, 42.5598**.

A 20% lighter version of the original color is **52.5339, 79.8358, 27.6800**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **30.7360, 56.5981, 10.4870**, and if you desaturate by 10%, it is **35.3177, 58.8405, 16.1002**.

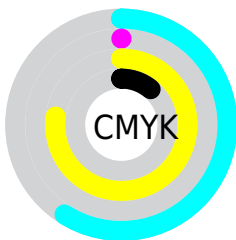
Distribution



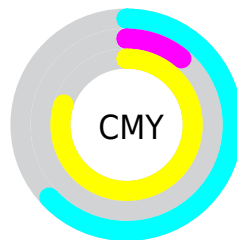
- Red (37%)
- Green (89%)
- Blue (20%)



- Red (20%)
- Yellow (89%)
- Blue (73%)



- Cyan (59%)
- Magenta (0%)
- Yellow (77%)
- Black (11%)





- Cyan (63%)
- Magenta (11%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7050, 57.5658, 12.6364 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 32.7050, 57.5658, 12.6364 by changing the saturation by 10% instead.


 32.7050, 57.5658,
12.6364


 32.7050, 57.5658,
12.6364


306.0069,
415.5661, 219.6994

 22.0587, 41.4597,
7.0509


 63.2725, 101.2903,
31.3305


 14.0169, 28.6784,
3.4150


 83.9243, 129.6775,
45.2763


 8.2142, 18.8377,
1.3102


 108.6421,
162.9271, 62.8458

 4.2853, 11.5531,
0.0702

 137.7911,
201.4236, 84.4576

 1.8648, 6.4401,
0.0000

 171.7368,
245.5513, 110.5304

 0.5562, 3.1145,
0.0000

210.8444,

 0.0000, 1.1918,

295.6947, 141.4826

0.0000

255.4793,
352.2382, 177.7328

■ 0.0000, 0.0550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.7050, 57.5658,
12.6364

■ 32.7050, 57.5658,
12.6364

■ 30.7360, 56.5981,
10.4870

■ 35.3177, 58.8405,
16.1002


■ 29.3395, 55.9000,
9.4331


■ 38.6255, 60.4398,
21.0396


■ 29.0171, 55.7380,
9.2291

■ 42.6784, 62.3882,
27.5967


■ 47.5206, 64.7058,
35.8958

 53.1927, 67.4110,
46.0491

 59.7322, 70.5210,
58.1595

 67.1745, 74.0519,
72.3222

 75.5528, 78.0188,
88.6263

 84.6867, 82.3516,
106.0397

Harmonies

Analogous

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



46.3528, 57.5658, 5.5139



32.7050, 57.5658, 12.6364



26.0411, 57.5658, 36.9933

Triad

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



32.7050, 57.5658, 12.6364



44.7992, 57.5658, 232.5502



99.8679, 57.5658, 40.6435

Complementary

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



32.7050, 57.5658, 12.6364



35.1046, 18.3188, 74.3619

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.



99.1672, 57.5658, 98.1361



32.7050, 57.5658, 12.6364



64.0260, 57.5658, 235.7926

Square

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



32.7050, 57.5658, 12.6364



31.8018, 57.5658, 169.8162



84.8810, 57.5658, 177.0674



86.6143, 57.5658, 13.9441

Rectangle

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



32.7050, 57.5658, 12.6364



25.1676, 57.5658, 69.6943



84.8810, 57.5658, 177.0674



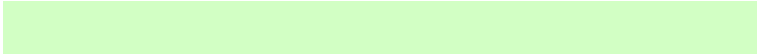
101.3374, 57.5658, 56.1517

Sweetspot

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



32.7063, 57.5682, 12.6377



72.4628, 89.2854, 65.8483



49.2861, 50.5519, 10.4095



14.8733, 18.8077, 12.9258



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.



32.7063, 57.5682, 12.6377



38.7506, 73.0492, 12.6234



30.9870, 56.5109, 20.2822



14.5115, 16.2553, 15.2772



17.0093, 32.5501, 5.3863



1.3388, 2.4475, 0.4019

Inverse Universe

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



35.1046, 18.3188, 74.3619



41.5773, 19.6663, 96.2123



41.4821, 22.2178, 47.0412



14.6394, 14.4319, 18.1584



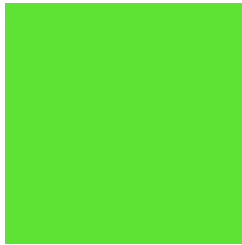
18.1856, 8.4409, 43.0539



1.4253, 0.6657, 3.1853

Previews

White Background



This preview shows how the XYZ color 32.7050, 57.5658, 12.6364 looks on a white background.

Color Contrast Check

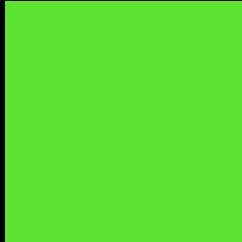
Large Text (above 18pt) WCAG AA × Fail

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 32.7050, 57.5658, 12.6364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

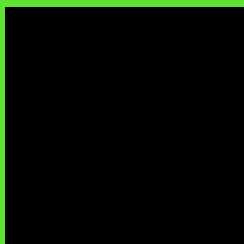
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7050, 57.5658, 12.6364

Background



This preview shows how black text looks on a background with the XYZ color 32.7050, 57.5658, 12.6364.



This preview shows how white text looks on a background with the XYZ color 32.7050, 57.5658,

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

32.7050, 57.5658, 12.6364

Protanopia

51.3285, 56.7243, 10.7262

Deuteranopia

57.4152, 56.1703, 13.4461



Tritanopia

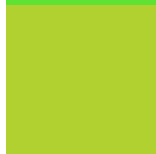
46.7396, 57.4112, 82.7468

Trichromacy



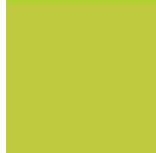
Original Color

32.7050, 57.5658, 12.6364



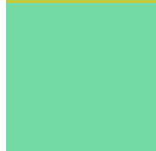
Protanomaly

41.2385, 55.0444, 11.2474



Deuteranomaly

43.5036, 53.6763, 12.7703



Tritanomaly

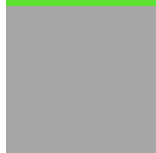
38.8068, 56.0553, 44.3717

Monochromacy



Original Color

32.7050, 57.5658, 12.6364



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

32.7145, 43.4513, 26.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7050, 57.5658, 12.6364 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(94, 227, 52)` looks like.

```
.text, #text, p{  
    color:rgb(94, 227, 52)  
}
```

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(94, 227, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 227, 52) }
```

Border

The CSS property to change the border of an element to XYZ 32.7050, 57.5658, 12.6364 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(94, 227, 52) }
```


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

```
.border{ border-color:rgb(94, 227, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 227, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 227, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 227, 52);  
box-shadow:4px 4px 4px 4px rgb(94, 227,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7050, 57.5658, 12.6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 227, 52) }
```

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

```
.background{ background-color: rgb(94, 227,  
52) }
```

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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