

Converting Colors

XYZ(32.9037, 56.5116, 17.3629)

Have a look what the booklet for
XYZ(32.9037, 56.5116, 17.3629)
contains.

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Color

**XYZ(32.8331, 56.3155,
17.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE053
RGB	94, 224, 83
RGB Percent	37%, 88%, 33%
CMY	0.6314, 0.1216, 0.6745
CMYK	0.58, 0.00, 0.63, 0.12
HSL	115°, 69%, 60%
HSV	115°, 63%, 88%
XYZ	32.8331, 56.3155, 17.3231
YIQ	169.0560, -32.2190, -71.4110

Conversions

Conversions Part 2

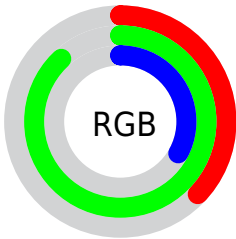
Format	Color
RYB	83, 224, 213
Decimal	6217811
CIELab	79.79, -62.07, 56.79
CIElCh	80, 84.130, 137.546
Yxy	56.3155, 0.3084, 0.5289
Android (android.graphics.Color)	4284407891 (0xFF5EE053)
YUV	169.0560, -42.4256, -65.8241
Hunter-Lab	75.0437, -53.2291, 38.8440

Details

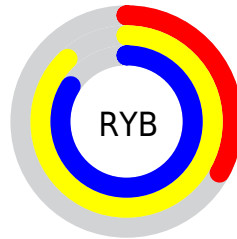
The XYZ color **32.8331, 56.3155, 17.3231** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **43.9914, 25.7165, 73.1691**, and the grayscale version is **37.9559, 39.9326, 43.4866**.

A 20% lighter version of the original color is **53.7929, 80.2947, 36.3302**, and **14.1800, 28.0777, 5.5363** is the 20% darker color. If you saturate the color by 10%, you get **30.2625, 55.0763, 13.3949**, and if you desaturate by 10%, it is **36.2523, 57.9632, 22.7512**.

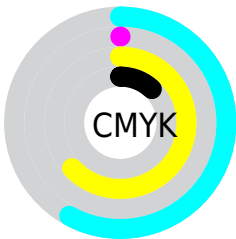
Distribution



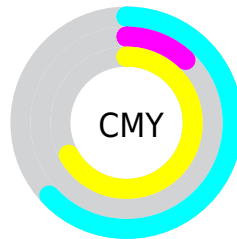
- Red (37%)
- Green (88%)
- Blue (33%)



- Red (33%)
- Yellow (88%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (63%)
- Black (12%)



- Cyan (63%)
- Magenta (12%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8331, 56.3155, 17.3231 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 32.8331, 56.3155, 17.3231 by changing the saturation by 10% instead.

■ 32.8331, 56.3155,
17.3231

■ 32.8331, 56.3155,
17.3231

306.5753,
410.8794, 249.1342

■ 22.1572, 40.4559,
10.3007

■ 63.4713, 99.4657,
39.6787

■ 14.0897, 27.8942,
5.4906

■ 84.1643, 127.5252,
55.8490

■ 8.2652, 18.2459,
2.4742

■ 108.9272,
160.4200, 75.9057

■ 4.3184, 11.1267,
0.8264

■ 138.1251,
198.5347, 100.2674

■ 1.8838, 6.1521,
0.0000

172.1235,
242.2536, 129.3525

■ 0.5674, 2.9378,
0.0000

211.2878,

■ 0.0000, 1.0993,

291.9611, 163.5797

0.0000

255.9833,
348.0415, 203.3674

■ 0.0000, 0.0000,
0.0000

■ 32.8331, 56.3155,
17.3231

■ 32.8331, 56.3155,
17.3231

■ 30.2625, 55.0763,
13.3949

■ 36.2523, 57.9632,
22.7512

■ 28.4621, 54.2034,
10.8132

■ 40.5815, 60.0434,
29.8055

■ 27.3458, 53.6581,
9.3983

■ 45.8811, 62.5862,
38.6032

■ 26.8964, 53.4371,
8.8968

■ 52.2053, 65.6173,
49.2494

■ 59.6040, 69.1605,
61.8414

■ 68.1240, 73.2378,
76.4692

■ 77.8095, 77.8701,
93.2174

■ 85.9468, 81.7935,
105.8656

Harmonies

Analogous

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



44.2561, 56.3155, 8.3420



32.8331, 56.3155, 17.3231



27.5125, 56.3155, 43.2486

Triad

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



32.8331, 56.3155, 17.3231



46.7756, 56.3155, 205.8738



91.1757, 56.3155, 37.1853

Complementary

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



32.8331, 56.3155, 17.3231



43.9914, 25.7165, 73.1691

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.



92.2529, 56.3155, 83.8273



32.8331, 56.3155, 17.3231



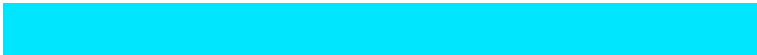
64.0081, 56.3155, 201.0807

Square

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



32.8331, 56.3155, 17.3231



34.3393, 56.3155, 159.6930



81.4775, 56.3155, 148.8081



78.7880, 56.3155, 14.9104

Rectangle

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



32.8331, 56.3155, 17.3231



27.2014, 56.3155, 74.4645



81.4775, 56.3155, 148.8081



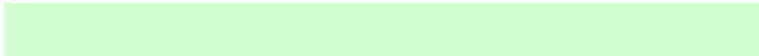
92.9542, 56.3155, 49.8177

Sweetspot

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



32.8344, 56.3179, 17.3244



73.6395, 89.7529, 72.1863



55.9103, 63.6867, 17.5304



15.1738, 18.9291, 14.4526



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.



32.8344, 56.3179, 17.3244



39.6132, 73.4085, 16.5246



35.0885, 57.0983, 34.6663



13.6273, 15.3880, 14.5587



15.6924, 31.1222, 5.1801



1.1227, 2.1753, 0.3607

Inverse Universe

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



43.9914, 25.7165, 73.1691



55.6258, 29.0841, 97.2897



40.6500, 24.7610, 38.3556



14.1840, 13.8784, 17.3189



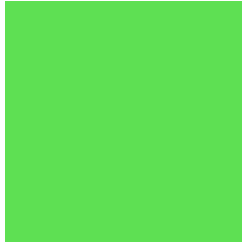
22.7781, 10.8379, 41.9397



1.6106, 0.7676, 2.9085

Previews

White Background



This preview shows how the XYZ color 32.8331, 56.3155, 17.3231 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 32.8331, 56.3155, 17.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

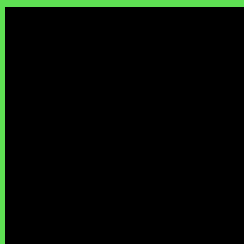
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8331, 56.3155, 17.3231

Background



This preview shows how black text looks on a background with the XYZ color 32.8331, 56.3155, 17.3231.



This preview shows how white text looks on a background with the XYZ color 32.8331, 56.3155,

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

32.8331, 56.3155, 17.3231

Protanopia

50.4497, 55.5006, 14.7103

Deuteranopia

56.4087, 55.2260, 18.2763



Tritanopia

45.5159, 56.0749, 81.0976

Trichromacy



Original Color

32.8331, 56.3155, 17.3231



Protanomaly

41.1435, 54.1744, 15.4959



Deuteranomaly

43.2388, 52.7381, 17.5734



Tritanomaly

38.9777, 55.2734, 49.1719

Monochromacy



Original Color

32.8331, 56.3155, 17.3231



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

33.9404, 43.9810, 30.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8331, 56.3155, 17.3231 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, 224, 83)` looks like.

```
.text, #text, p{  
    color:rgb(94, 224, 83)  
}
```

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, 224, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 224, 83) }
```

Border

The CSS property to change the border of an element to XYZ 32.8331, 56.3155, 17.3231 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, 224, 83) }
```


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

```
.border{ border-color:rgb(94, 224, 83) }
```

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

Here you see how a box with a 4 pixel rgb(94, 224, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 224, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 224, 83);  
box-shadow:4px 4px 4px 4px rgb(94, 224,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8331, 56.3155, 17.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 224, 83) }
```

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

```
.background{ background-color: rgb(94, 224,  
83) }
```

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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