

Converting Colors

XYZ(32.5056, 57.1120, 19.4270)

Have a look what the booklet for
XYZ(32.5056, 57.1120, 19.4270)
contains.

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Color

**XYZ(32.6253, 57.3731,
19.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	4FE35C
RGB	79, 227, 92
RGB Percent	31%, 89%, 36%
CMY	0.6902, 0.1098, 0.6392
CMYK	0.65, 0.00, 0.59, 0.11
HSL	125°, 73%, 60%
HSV	125°, 65%, 89%
XYZ	32.6253, 57.3731, 19.4798
YIQ	167.3580, -44.8730, -73.3610

Conversions

Conversions Part 2

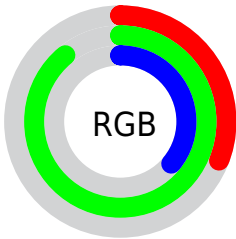
Format	Color
RYB	79, 215, 227
Decimal	5235548
CIELab	80.39, -65.38, 53.49
CIElCh	80, 84.478, 140.712
Yxy	57.3731, 0.2980, 0.5241
Android (android.graphics.Color)	4283425628 (0xFF4FE35C)
YUV	167.3580, -37.1515, -77.4900
Hunter-Lab	75.7450, -55.6693, 37.7736

Details

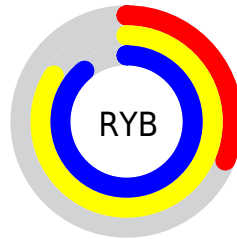
The XYZ color **32.6253, 57.3731, 19.4798** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **46.6137, 26.7788, 66.3312**, and the grayscale version is **37.0980, 39.0299, 42.5036**.

A 20% lighter version of the original color is **52.4499, 79.5246, 39.7795**, and **14.7087, 28.8830, 6.5500** is the 20% darker color. If you saturate the color by 10%, you get **30.2649, 56.2486, 15.2734**, and if you desaturate by 10%, it is **35.8803, 58.9335, 25.0215**.

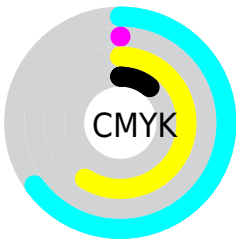
Distribution



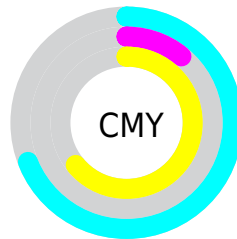
- Red (31%)
- Green (89%)
- Blue (36%)



- Red (31%)
- Yellow (84%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6253, 57.3731, 19.4798 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 32.6253, 57.3731, 19.4798 by changing the saturation by 10% instead.

■ 32.6253, 57.3731,
19.4798

■ 32.6253, 57.3731,
19.4798

305.6529,
414.8459, 261.5953

■ 21.9974, 41.3049,
11.8372

■ 63.1487, 101.0094,
43.3907

■ 13.9716, 28.5574,
6.5117

■ 83.7749, 129.3462,
60.4961

■ 8.1825, 18.7462,
3.0849

■ 108.4646,
162.5414, 81.5928

■ 4.2647, 11.4871,
1.1381

■ 137.5831,
200.9793, 107.0994

■ 1.8530, 6.3954,
0.0000

171.4959,
245.0443, 137.4344

■ 0.5493, 3.0870,
0.0000

210.5682,

■ 0.0000, 1.1773,

295.1208, 173.0164

0.0000

255.1654,
351.5932, 214.2638

■ 0.0000, 0.0431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.6253, 57.3731,
19.4798

■ 32.6253, 57.3731,
19.4798

■ 30.2649, 56.2486,
15.2734

■ 35.8803, 58.9335,
25.0215

■ 28.7054, 55.5092,
12.2864


■ 40.1031, 60.9605,
31.9942


■ 27.8398, 55.1040,
10.3895


■ 45.3641, 63.4901,
40.4891


■ 27.5960, 54.9907,
9.8190

■ 51.7262, 66.5529,
50.5888

 59.2469, 70.1770,
62.3699

 67.9802, 74.3886,
75.9043

 77.9761, 79.2122,
91.2595

 86.7602, 83.4204,
106.1367

Harmonies

Analogous

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



43.5928, 57.3731, 9.0151



32.6253, 57.3731, 19.4798



27.8506, 57.3731, 48.3209

Triad

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



32.6253, 57.3731, 19.4798



49.3370, 57.3731, 211.5360



91.9379, 57.3731, 34.4715

Complementary

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



32.6253, 57.3731, 19.4798



46.6137, 26.7788, 66.3312

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.



94.3869, 57.3731, 79.1411



32.6253, 57.3731, 19.4798



67.1620, 57.3731, 200.6605

Square

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



32.6253, 57.3731, 19.4798



36.0638, 57.3731, 169.0144



84.5406, 57.3731, 144.2934



78.4230, 57.3731, 13.9416

Rectangle

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



32.6253, 57.3731, 19.4798



27.9424, 57.3731, 81.9022



84.5406, 57.3731, 144.2934



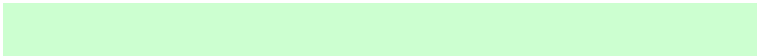
94.1801, 57.3731, 46.3829

Sweetspot

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



32.6267, 57.3755, 19.4811



72.1062, 88.9351, 73.3508



56.8092, 69.9022, 17.8957



14.8536, 18.7563, 14.7898



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.



32.6267, 57.3755, 19.4811



38.6182, 72.8523, 18.4301



37.5169, 59.3316, 45.2328



14.2405, 16.1096, 15.5311



16.1112, 32.0766, 5.8201



1.2084, 2.3775, 0.5239

Inverse Universe

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



46.6137, 26.7788, 66.3312



58.0220, 30.2433, 83.3035



39.2590, 23.8369, 27.6022



14.9376, 14.5922, 17.8719



25.0696, 12.1621, 35.5911



1.8687, 0.9052, 2.7150

Previews

White Background



This preview shows how the XYZ color 32.6253, 57.3731, 19.4798 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 32.6253, 57.3731, 19.4798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

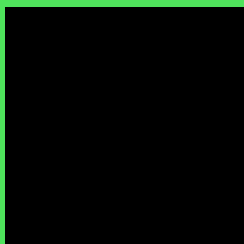
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6253, 57.3731, 19.4798

Background



This preview shows how black text looks on a background with the XYZ color 32.6253, 57.3731, 19.4798.



This preview shows how white text looks on a background with the XYZ color 32.6253, 57.3731,

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

32.6253, 57.3731, 19.4798

Protanopia

51.2706, 56.2283, 16.3345

Deuteranopia

57.3935, 56.0004, 20.6162



Tritanopia

45.2796, 57.0147, 83.4814

Trichromacy



Original Color

32.6253, 57.3731, 19.4798



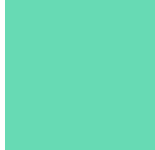
Protanomaly

40.8424, 54.7078, 17.2111



Deuteranomaly

42.9011, 53.2092, 19.8137



Tritanomaly

38.9031, 56.3217, 52.0008

Monochromacy



Original Color

32.6253, 57.3731, 19.4798



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

32.9229, 43.4395, 31.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6253, 57.3731, 19.4798 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(79, 227, 92)` looks like.

```
.text, #text, p{  
    color:rgb(79, 227, 92)  
}
```

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(79, 227, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 227, 92) }
```

Border

The CSS property to change the border of an element to XYZ 32.6253, 57.3731, 19.4798 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(79, 227, 92) }
```


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

```
.border{ border-color:rgb(79, 227, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 227, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 227, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 227, 92);  
box-shadow:4px 4px 4px 4px rgb(79, 227,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6253, 57.3731, 19.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 227, 92) }
```

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

```
.background{ background-color: rgb(79, 227,  
92) }
```

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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