

Converting Colors

XYZ(32.6871, 58.7327, 30.5260)

Have a look what the booklet for
XYZ(32.6871, 58.7327, 30.5260)
contains.

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Color

**XYZ(32.7195, 58.8302,
30.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	0EE781
RGB	14, 231, 129
RGB Percent	5%, 91%, 51%
CMY	0.9450, 0.0941, 0.4941
CMYK	0.94, 0.00, 0.44, 0.09
HSL	152°, 89%, 48%
HSV	152°, 94%, 91%
XYZ	32.7195, 58.8302, 30.3997
YIQ	154.4890, -96.5900, -77.7260

Conversions

Conversions Part 2

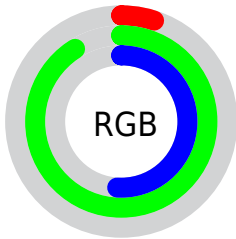
Format	Color
RYB	14, 156, 231
Decimal	976769
CIELab	81.20, -68.53, 36.87
CIELCh	81, 77.821, 151.724
Yxy	58.8302, 0.2683, 0.4824
Android (android.graphics.Color)	4279166849 (0xFF0EE781)
YUV	154.4890, -12.5661, -123.2089
Hunter-Lab	76.7008, -58.0809, 30.1915

Details

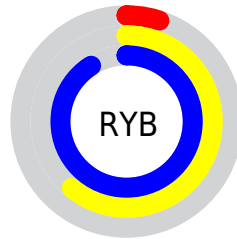
The XYZ color **32.7195, 58.8302, 30.3997** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **36.2669, 18.5654, 18.2002**, and the grayscale version is **31.0172, 32.6325, 35.5368**.

A 20% lighter version of the original color is **50.8628, 78.3184, 57.2360**, and **16.5112, 30.8222, 12.2868** is the 20% darker color. If you saturate the color by 10%, you get **32.1156, 58.5695, 28.1596**, and if you desaturate by 10%, it is **34.0676, 59.4389, 34.4348**.

Distribution



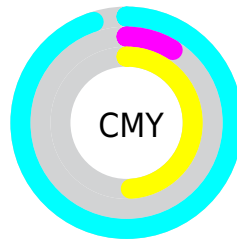
- Red (5%)
- Green (91%)
- Blue (51%)



- Red (5%)
- Yellow (61%)
- Blue (91%)



- Cyan (94%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)





- Cyan (95%)
- Magenta (9%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7195, 58.8302, 30.3997 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 32.7195, 58.8302, 30.3997 by changing the saturation by 10% instead.


 32.7195, 58.8302,
30.3997


 32.7195, 58.8302,
30.3997


306.0713,
420.2724, 318.0282


 22.0699, 42.4764,
19.8875


 63.2950, 103.1308,
61.3622


 14.0251, 29.4745,
12.1301

 83.9515, 131.8465,
82.6496


 8.2200, 19.4401,
6.7087


 108.6744,
165.4516, 108.3658

 4.2890, 11.9887,
3.2049

 137.8289,
204.3305, 138.9294

 1.8669, 6.7360,
1.2002

 171.7806,
248.8677, 174.7589

 0.5575, 3.2975,
0.0000

210.8946,

 0.0000, 1.2890,

299.4474, 216.2728

0.0000

255.5364,
356.4542, 263.8898

■ 0.0000, 0.1326,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.7195, 58.8302,
30.3997

■ 32.7195, 58.8302,
30.3997

■ 32.1156, 58.5695,
28.1596

■ 34.0676, 59.4389,
34.4348

■ 36.0168, 60.3467,
38.9091

■ 38.6566, 61.6012,
43.8396

■ 42.0592, 63.2393,
49.2406

■ 46.2874, 65.2931,
55.1255

■ 51.3971, 67.7913,
61.5073

■ 57.4392, 70.7599,
68.3981

■ 64.4606, 74.2228,
75.8097

■ 72.5049, 78.2022,
83.7534

Harmonies

Analogous

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



41.0804, 58.8302, 14.1855



32.7195, 58.8302, 30.3997



30.1960, 58.8302, 66.7777

Triad

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



32.7195, 58.8302, 30.3997



56.8587, 58.8302, 201.0606



86.8282, 58.8302, 27.6581

Complementary

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



32.7195, 58.8302, 30.3997



36.2669, 18.5654, 18.2002

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.



93.2017, 58.8302, 61.4094



32.7195, 58.8302, 30.3997



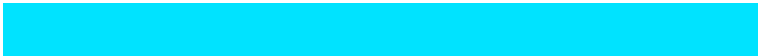
73.9528, 58.8302, 173.8903

Square

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



32.7195, 58.8302, 30.3997



42.4162, 58.8302, 179.1658



88.0910, 58.8302, 116.3118



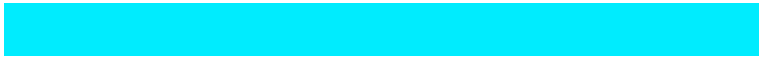
72.0142, 58.8302, 13.2256

Rectangle

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



32.7195, 58.8302, 30.3997



31.6777, 58.8302, 103.0876



88.0910, 58.8302, 116.3118



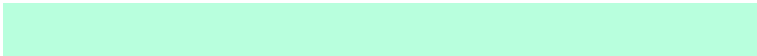
90.1447, 58.8302, 36.3785

Sweetspot

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



32.7210, 58.8326, 30.4011



68.5409, 86.9048, 81.8737



36.2495, 61.1002, 10.2990



13.9840, 18.2641, 16.7319



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.



32.7210, 58.8326, 30.4011



40.1423, 73.2729, 34.9971



42.1809, 61.0136, 85.1579



14.5069, 16.2162, 16.9341



18.0671, 32.8589, 16.1195



1.3820, 2.4469, 1.4380

Inverse Universe

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



36.2669, 18.5654, 18.2002



44.6223, 22.6129, 19.7408



33.2460, 17.4421, 2.0304



14.6576, 14.4802, 16.3972



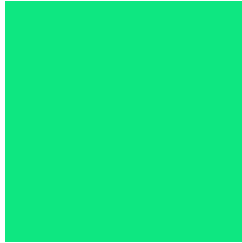
20.0717, 10.1629, 9.2725



1.5298, 0.7696, 0.9307

Previews

White Background



This preview shows how the XYZ color 32.7195, 58.8302, 30.3997 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 32.7195, 58.8302, 30.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

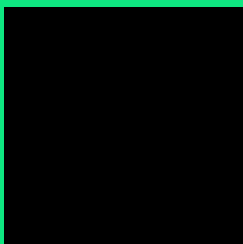
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

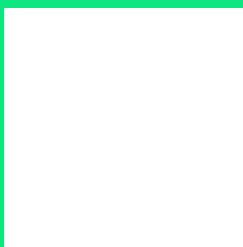
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7195, 58.8302, 30.3997

Background



This preview shows how black text looks on a background with the XYZ color 32.7195, 58.8302, 30.3997.



This preview shows how white text looks on a background with the XYZ color 32.7195, 58.8302,

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

32.7195, 58.8302, 30.3997

Protanopia

53.0786, 57.6530, 25.1602

Deuteranopia

58.5509, 57.3028, 32.4007



Tritanopia

44.4023, 58.7454, 88.3556

Trichromacy



Original Color

32.7195, 58.8302, 30.3997



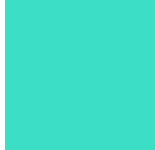
Protanomaly

38.2471, 53.8983, 26.4767



Deuteranomaly

40.3491, 53.0600, 31.0366



Tritanomaly

38.3292, 57.7672, 61.9534

Monochromacy



Original Color

32.7195, 58.8302, 30.3997



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

27.4323, 38.3838, 32.7510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7195, 58.8302, 30.3997 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(14, 231, 129)` looks like.

```
.text, #text, p{  
    color:rgb(14, 231, 129)  
}
```

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(14, 231, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 231, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.7195, 58.8302, 30.3997 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(14, 231, 129) }
```


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

```
.border{ border-color:rgb(14, 231, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 231, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 231, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 231, 129);  
box-shadow:4px 4px 4px 4px rgb(14, 231,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7195, 58.8302, 30.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 231, 129) }
```

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

```
.background{ background-color: rgb(14, 231,  
129) }
```

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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