

Converting Colors

XYZ(32.0015, 50.5474, 32.1147)

Have a look what the booklet for
XYZ(32.0015, 50.5474, 32.1147)
contains.

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Color

**XYZ(32.0015, 50.5474,
32.1147)**

Conversions

Conversions Part 1

Format	Color
Hex	59D38A
RGB	89, 211, 138
RGB Percent	35%, 83%, 54%
CMY	0.6510, 0.1725, 0.4588
CMYK	0.58, 0.00, 0.35, 0.17
HSL	144°, 58%, 59%
HSV	144°, 58%, 83%
XYZ	32.0015, 50.5474, 32.1147
YIQ	166.2000, -49.2790, -48.5670

Conversions

Conversions Part 2

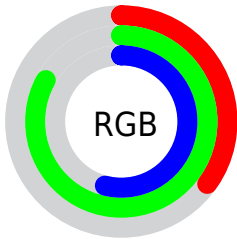
Format	Color
RYB	89, 176, 211
Decimal	5886858
CIELab	76.40, -50.45, 26.19
CIELCh	76, 56.843, 152.569
Yxy	50.5474, 0.2791, 0.4408
Android (android.graphics.Color)	4284076938 (0xFF59D38A)
YUV	166.2000, -13.9026, -67.7044
Hunter-Lab	71.0967, -44.0742, 22.9861

Details

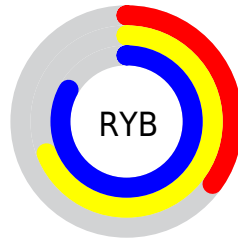
The XYZ color **32.0015, 50.5474, 32.1147** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **36.9595, 23.6032, 36.7919**, and the grayscale version is **36.4255, 38.3225, 41.7332**.

A 20% lighter version of the original color is **57.4872, 81.6217, 62.5938**, and **13.5418, 24.1824, 12.9708** is the 20% darker color. If you saturate the color by 10%, you get **29.3980, 49.3062, 27.4960**, and if you desaturate by 10%, it is **35.2941, 52.1343, 37.3227**.

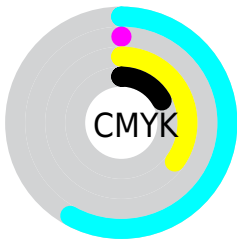
Distribution



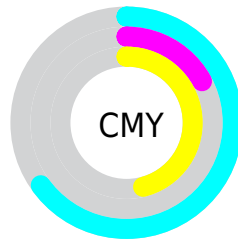
- Red (35%)
- Green (83%)
- Blue (54%)



- Red (35%)
- Yellow (69%)
- Blue (83%)



- Cyan (58%)
- Magenta (0%)
- Yellow (35%)
- Black (17%)





- Cyan (65%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0015, 50.5474, 32.1147 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 32.0015, 50.5474, 32.1147 by changing the saturation by 10% instead.


 32.0015, 50.5474,
32.1147


 32.0015, 50.5474,
32.1147


302.8713,
388.8028, 326.1502


 21.5182, 35.8485,
21.1836


 62.1786, 90.9854,
64.0909


 13.6179, 24.3172,
13.0657


 82.6031, 117.4933,
85.9730

 7.9353, 15.5691,
7.3426


 107.0721,
148.7064, 112.3425

 4.1051, 9.2198,
3.5956

 135.9509,
185.0090, 143.6180

 1.7617, 4.8848,
1.4062

169.6049,
226.7856, 180.2179

 0.4945, 2.1798,
0.1465

208.3993,

 0.0000, 0.7090,

274.4204, 222.5610

0.0000

252.6997,
328.2980, 271.0655

■ 0.0000, 0.0000,
0.0000

■ 32.0015, 50.5474,
32.1147

■ 32.0015, 50.5474,
32.1147

■ 29.3980, 49.3062,
27.4960

■ 35.2941, 52.1343,
37.3227

■ 27.4250, 48.3768,
23.4415

■ 39.3203, 54.0854,
43.1367

■ 26.0199, 47.7287,
19.9295

■ 44.1254, 56.4250,
49.5771

■ 25.0936, 47.3165,
16.9346

■ 49.7497, 59.1734,
56.6624

■ 24.9249, 47.2424,
16.3467

■ 56.2308, 62.3498,
64.4100

■ 63.6037, 65.9718,
72.8369

■ 71.9016, 70.0561,
81.9592

■ 80.1164, 74.0830,
91.7442

■ 82.0479, 74.8556,
101.9154

Harmonies

Analogous

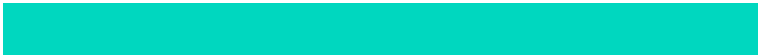
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.7995, 50.5474, 18.8224



32.0015, 50.5474, 32.1147



30.2849, 50.5474, 57.7205

Triad

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



32.0015, 50.5474, 32.1147



48.9717, 50.5474, 137.3588



67.5477, 50.5474, 29.0258

Complementary

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



32.0015, 50.5474, 32.1147



36.9595, 23.6032, 36.7919

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.



71.6623, 50.5474, 52.4390



32.0015, 50.5474, 32.1147



59.9895, 50.5474, 121.1090

Square

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



32.0015, 50.5474, 32.1147



39.1769, 50.5474, 125.6314



68.7114, 50.5474, 86.8820



58.1567, 50.5474, 17.5604

Rectangle

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



32.0015, 50.5474, 32.1147



31.4423, 50.5474, 80.8848



68.7114, 50.5474, 86.8820



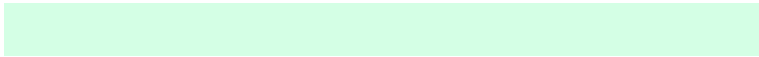
69.6518, 50.5474, 35.3825

Sweetspot

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



32.0028, 50.5495, 32.1159



76.9620, 91.1256, 87.7060



40.0400, 55.0145, 17.9600



16.0717, 19.3082, 18.2797



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.



32.0028, 50.5495, 32.1159



44.4709, 75.3773, 40.9406



37.7012, 52.8288, 62.1233



11.8502, 13.2838, 13.5677



15.0892, 28.5286, 10.1156



0.8825, 1.6107, 0.7699

Inverse Universe

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



36.9595, 23.6032, 36.7919



52.7262, 30.3338, 48.6062



32.7965, 21.9380, 14.8697



12.1014, 11.9253, 13.8098



18.5469, 9.2916, 13.0521



1.0757, 0.5350, 0.9334

Previews

White Background



This preview shows how the XYZ color 32.0015, 50.5474, 32.1147 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 32.0015, 50.5474, 32.1147 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 32.0015, 50.5474, 32.1147

Background



This preview shows how black text looks on a background with the XYZ color 32.0015, 50.5474, 32.1147.



This preview shows how white text looks on a background with the XYZ color 32.0015, 50.5474,

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

32.0015, 50.5474, 32.1147

Protanopia

46.0237, 49.6557, 27.5809

Deuteranopia

50.6455, 49.7469, 33.7209



Tritanopia

40.0931, 50.2278, 73.2274

Trichromacy



Original Color

32.0015, 50.5474, 32.1147



Protanomaly

38.6027, 48.7229, 29.1997



Deuteranomaly

40.5265, 47.9853, 32.7173



Tritanomaly

36.6173, 50.2365, 55.3436

Monochromacy



Original Color

32.0015, 50.5474, 32.1147



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

33.2099, 41.2595, 37.6660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0015, 50.5474, 32.1147 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(89, 211, 138)` looks like.

```
.text, #text, p{  
    color:rgb(89, 211, 138)  
}
```

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(89, 211, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 211, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.0015, 50.5474, 32.1147 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(89, 211, 138) }
```


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

```
.border{ border-color:rgb(89, 211, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 211, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 211, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 211, 138);  
box-shadow:4px 4px 4px 4px rgb(89, 211,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0015, 50.5474, 32.1147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 211, 138) }
```

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

```
.background{ background-color: rgb(89, 211,  
138) }
```

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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