

Converting Colors

XYZ(43.1952, 65.4636, 32.3340)

Have a look what the booklet for
XYZ(43.1952, 65.4636, 32.3340)
contains.

XYZ(43.1034, 65.4171, 32.1848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1034, 65.4171,
32.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	84EA84
RGB	132, 234, 132
RGB Percent	52%, 92%, 52%
CMY	0.4823, 0.0823, 0.4823
CMYK	0.44, 0.00, 0.44, 0.08
HSL	120°, 71%, 72%
HSV	120°, 44%, 92%
XYZ	43.1034, 65.4171, 32.1848
YIQ	191.8740, -28.0500, -53.3460

Conversions

Conversions Part 2

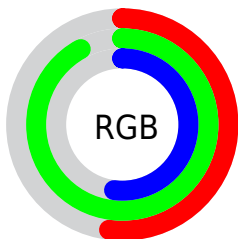
Format	Color
RYB	132, 234, 234
Decimal	8710788
CIELab	84.70, -49.90, 40.39
CIELCh	85, 64.198, 141.012
Yxy	65.4171, 0.3063, 0.4649
Android (android.graphics.Color)	4286900868 (0xFF84EA84)
YUV	191.8740, -29.5179, -52.5095
Hunter-Lab	80.8808, -46.4144, 33.0234

Details

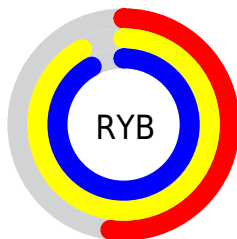
The XYZ color **43.1034, 65.4171, 32.1848** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **57.0362, 39.9366, 82.5463**, and the grayscale version is **50.2093, 52.8241, 57.5255**.

A 20% lighter version of the original color is **65.8581, 86.0123, 59.5853**, and **19.9941, 33.4793, 12.9978** is the 20% darker color. If you saturate the color by 10%, you get **38.4207, 63.1697, 24.5242**, and if you desaturate by 10%, it is **48.9692, 68.2367, 41.7781**.

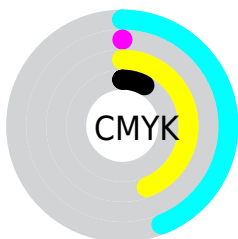
Distribution



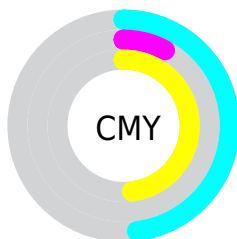
- Red (52%)
- Green (92%)
- Blue (52%)



- Red (52%)
- Yellow (92%)
- Blue (92%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)



- Cyan (48%)
- Magenta (8%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1034, 65.4171, 32.1848 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 43.1034, 65.4171, 32.1848 by changing the saturation by 10% instead.

■ 43.1034, 65.4171,
32.1848

■ 43.1034, 65.4171,
32.1848

349.9511,
444.2893, 326.4788

■ 30.1611, 47.7994,
21.2367

■ 79.1216, 112.6493,
64.2020

■ 20.1096, 33.6680,
13.1042

■ 102.9283,
143.0326, 86.1081

■ 12.5835, 22.6387,
7.3688

■ 131.0871,
178.4398, 112.5040

■ 7.2174, 14.3269,
3.6119

163.9634,
219.2554, 143.8082

■ 3.6459, 8.3484,
1.4149

201.9226,
265.8638, 180.4392

■ 1.5038, 4.3187,
0.1533

245.3301,

■ 0.3285, 1.8534,

318.6493, 222.8157

0.0000

294.5511,
377.9963, 271.3560

■ 0.0000, 0.5201,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1034, 65.4171,
32.1848

■ 43.1034, 65.4171,
32.1848

■ 38.4207, 63.1697,
24.5242

■ 48.9692, 68.2367,
41.7781

■ 34.8364, 61.4480,
18.6612


■ 56.0855, 71.6550,
53.4182


■ 32.2623, 60.2115,
14.4507


■ 64.5207, 75.7069,
67.2155


■ 30.5946, 59.4105,
11.7229

■ 74.3367, 80.4220,
83.2712

 29.7073, 58.9843,
10.2714

 85.5915, 85.8283,
101.6803

 29.4241, 58.8482,
9.8082

 88.7141, 87.3282,
106.7880

Harmonies

Analogous

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



52.7998, 65.4171, 19.9997



43.1034, 65.4171, 32.1848



38.7138, 65.4171, 59.5839

Triad

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



43.1034, 65.4171, 32.1848



57.9658, 65.4171, 181.2443



91.6511, 65.4171, 46.4868

Complementary

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



43.1034, 65.4171, 32.1848



57.0362, 39.9366, 82.5463

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.



93.6022, 65.4171, 84.2984



43.1034, 65.4171, 32.1848



72.6035, 65.4171, 173.3763

Square

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



43.1034, 65.4171, 32.1848



46.3844, 65.4171, 151.9860



86.1813, 65.4171, 133.4009



81.2001, 65.4171, 25.7731

Rectangle

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



43.1034, 65.4171, 32.1848



38.8374, 65.4171, 87.4124



86.1813, 65.4171, 133.4009



93.3800, 65.4171, 57.1760

Sweetspot

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



43.1050, 65.4198, 32.1863



79.0031, 92.2918, 82.6525



67.5222, 78.0074, 33.3283



16.3887, 19.5039, 16.8385



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.



43.1050, 65.4198, 32.1863



47.3807, 77.1020, 30.9283



47.4875, 67.1728, 55.2640



14.8684, 16.8622, 15.9899



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



57.0362, 39.9366, 82.5463



66.2983, 42.4973, 99.3141



50.7321, 37.4150, 49.3492



15.7149, 15.3138, 19.0498



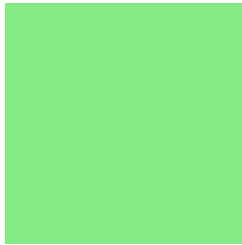
27.4131, 13.1679, 44.8379



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 43.1034, 65.4171, 32.1848 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 43.1034, 65.4171, 32.1848 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 43.1034, 65.4171, 32.1848

Background



This preview shows how black text looks on a background with the XYZ color 43.1034, 65.4171, 32.1848.

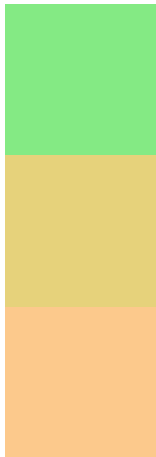


This preview shows how white text looks on a background with the XYZ color 43.1034, 65.4171,

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

43.1034, 65.4171, 32.1848

Protanopia

59.2549, 64.3462, 28.0359

Deuteranopia

65.7652, 64.3622, 33.7679



Tritanopia

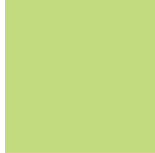
55.0277, 65.3446, 91.3739

Trichromacy



Original Color

43.1034, 65.4171, 32.1848



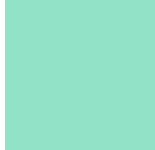
Protanomaly

51.3455, 63.6387, 29.3160



Deuteranomaly

54.3220, 62.8045, 32.9263



Tritanomaly

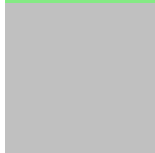
49.4757, 64.6738, 64.5192

Monochromacy



Original Color

43.1034, 65.4171, 32.1848



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

46.1461, 56.0740, 46.4214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1034, 65.4171, 32.1848 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(132, 234, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 234, 132)  
}
```

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(132, 234, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 234, 132) }
```

Border

The CSS property to change the border of an element to XYZ 43.1034, 65.4171, 32.1848 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(132, 234, 132) }
```


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

```
.border{ border-color:rgb(132, 234, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 234, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 234, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 234, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 234,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1034, 65.4171, 32.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 234, 132) }
```

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

```
.background{ background-color: rgb(132,  
234, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor