

Converting Colors

XYZ(38.3405, 51.3694, 35.6288)

Have a look what the booklet for
XYZ(38.3405, 51.3694, 35.6288)
contains.

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Color

**XYZ(38.1870, 51.1320,
35.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCC93
RGB	143, 204, 147
RGB Percent	56%, 80%, 58%
CMY	0.4392, 0.2000, 0.4235
CMYK	0.30, 0.00, 0.28, 0.20
HSL	124°, 37%, 68%
HSV	124°, 30%, 80%
XYZ	38.1870, 51.1320, 35.4605
YIQ	179.2630, -18.0590, -30.6590

Conversions

Conversions Part 2

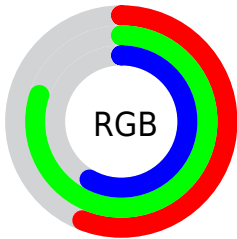
Format	Color
RYB	143, 200, 204
Decimal	9424019
CIELab	76.76, -30.88, 22.33
CIELCh	77, 38.104, 144.130
Yxy	51.1320, 0.3060, 0.4098
Android (android.graphics.Color)	4287614099 (0xFF8FCC93)
YUV	179.2630, -15.9057, -31.8027
Hunter-Lab	71.5066, -29.8115, 20.6524

Details

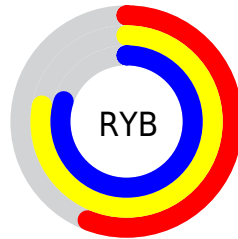
The XYZ color **38.1870, 51.1320, 35.4605** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.1513, 36.6534, 59.3408**, and the grayscale version is **43.0782, 45.3217, 49.3553**.

A 20% lighter version of the original color is **69.5913, 87.7428, 68.5265**, and **17.0752, 24.5131, 14.8979** is the 20% darker color. If you saturate the color by 10%, you get **33.5975, 48.9263, 28.0741**, and if you desaturate by 10%, it is **43.6693, 53.7723, 44.1848**.

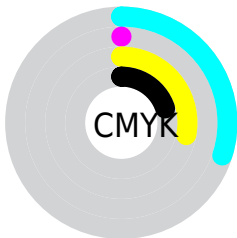
Distribution



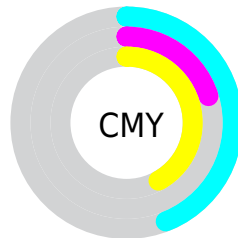
- Red (56%)
- Green (80%)
- Blue (58%)



- Red (56%)
- Yellow (78%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1870, 51.1320, 35.4605 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 38.1870, 51.1320, 35.4605 by changing the saturation by 10% instead.

■ 38.1870, 51.1320,
35.4605

■ 38.1870, 51.1320,
35.4605

329.6885,
391.0764, 341.5621

■ 26.3057, 36.3137,
23.7314

■ 71.6967, 91.8499,
69.3582

■ 17.1864, 24.6765,
14.9242

■ 94.0559, 118.5182,
92.3639

■ 10.4636, 15.8362,
8.6201

120.6384,
149.9053, 119.9655

■ 5.7720, 9.4083,
4.4008

151.8096,
186.3956, 152.5817

■ 2.7463, 5.0085,
1.8477

187.9348,
228.3734, 190.6309

■ 1.0211, 2.2522,
0.4592

229.3795,

■ 0.0000, 0.7483,

276.2233, 234.5317

0.0000

276.5089,
330.3295, 284.7026

■ 0.0000, 0.0000,
0.0000

■ 38.1870, 51.1320,
35.4605

■ 38.1870, 51.1320,
35.4605

■ 33.5975, 48.9263,
28.0741

■ 43.6693, 53.7723,
44.1848

■ 29.8498, 47.1258,
21.9562

■ 50.0839, 56.8618,
54.3048

■ 26.8937, 45.7077,
17.0365

■ 57.4730, 60.4225,
65.8793

■ 24.6724, 44.6444,
13.2364

■ 65.8747, 64.4728,
78.9626

■ 23.1212, 43.9043,
10.4680

■ 75.3254, 69.0305,
93.6061

■ 22.1640, 43.4506,
8.6302

■ 80.8839, 71.6678,
104.1780

■ 21.6727, 43.2196,
7.6001

■ 21.6690, 43.2179,
7.5935

Harmonies

Analogous

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



43.1376, 51.1320, 26.6816



38.1870, 51.1320, 35.4605



36.0464, 51.1320, 51.7024

Triad

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



38.1870, 51.1320, 35.4605



47.1921, 51.1320, 105.3822



62.4151, 51.1320, 40.9393

Complementary

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



38.1870, 51.1320, 35.4605



45.1513, 36.6534, 59.3408

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.



63.7731, 51.1320, 59.8441



38.1870, 51.1320, 35.4605



54.5038, 51.1320, 100.4597

Square

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



38.1870, 51.1320, 35.4605



40.9039, 51.1320, 94.5472



60.7510, 51.1320, 82.3981



57.2043, 51.1320, 29.2525

Rectangle

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



38.1870, 51.1320, 35.4605



36.3319, 51.1320, 65.9643



60.7510, 51.1320, 82.3981



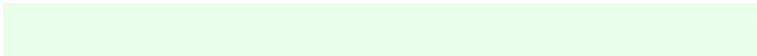
63.3575, 51.1320, 46.5138

Sweetspot

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



38.1883, 51.1342, 35.4616



83.8424, 94.5992, 91.3478



50.6270, 57.5822, 34.4331



17.5852, 20.0744, 18.9856



0.0000, 0.0000, 0.0000



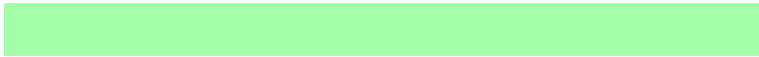
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1883, 51.1342, 35.4616



58.0874, 82.2005, 50.4496



40.8130, 52.1840, 49.2831



11.0974, 12.5487, 12.0703



13.6505, 27.2055, 4.8444



0.7149, 1.4078, 0.3061

Inverse Universe

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



45.1513, 36.6534, 59.3408



71.4684, 54.3637, 96.3320



42.0242, 35.4026, 42.8735



11.6546, 11.3906, 13.9815



21.5798, 10.4425, 31.8354



1.1231, 0.5426, 1.6940

Previews

White Background



This preview shows how the XYZ color 38.1870, 51.1320, 35.4605 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 38.1870, 51.1320, 35.4605 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 38.1870, 51.1320, 35.4605

Background



This preview shows how black text looks on a background with the XYZ color 38.1870, 51.1320, 35.4605.



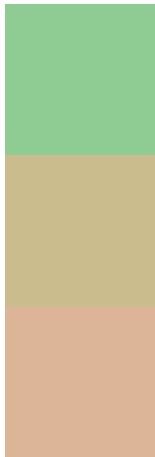
This preview shows how white text looks on a background with the XYZ color 38.1870, 51.1320,

35.4605.

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

38.1870, 51.1320, 35.4605

Protanopia

47.0740, 50.4164, 32.0612

Deuteranopia

51.7066, 50.5304, 36.7339



Tritanopia

45.0154, 51.1516, 69.1287

Trichromacy



Original Color

38.1870, 51.1320, 35.4605

Protanomaly

43.3058, 50.3905, 33.4305

Deuteranomaly

45.4408, 49.8037, 36.0722

Tritanomaly

42.2630, 51.0570, 55.2044

Monochromacy



Original Color

38.1870, 51.1320, 35.4605

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

40.6842, 46.8635, 43.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1870, 51.1320, 35.4605 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(143, 204, 147)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 147)  
}
```

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(143, 204, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 147) }
```

Border

The CSS property to change the border of an element to XYZ 38.1870, 51.1320, 35.4605 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(143, 204, 147) }
```


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

```
.border{ border-color:rgb(143, 204, 147) }
```

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

Here you see how a box with a 4 pixel rgb(143, 204, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 147);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1870, 51.1320, 35.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 147) }
```

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

```
.background{ background-color: rgb(143,  
204, 147) }
```

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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