

Converting Colors

XYZ(51.2827, 65.4345, 38.3143)

Have a look what the booklet for
XYZ(51.2827, 65.4345, 38.3143)
contains.

XYZ(51.3719, 65.4263, 38.3547)	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(51.3719, 65.4263,
38.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E095
RGB	182, 224, 149
RGB Percent	71%, 88%, 58%
CMY	0.2863, 0.1215, 0.4157
CMYK	0.19, 0.00, 0.33, 0.12
HSL	94°, 55%, 73%
HSV	94°, 33%, 88%
XYZ	51.3719, 65.4263, 38.3547
YIQ	202.8920, -0.9570, -32.2290

Conversions

Conversions Part 2

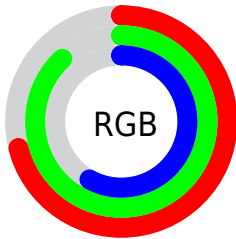
Format	Color
RYB	149, 224, 191
Decimal	11985045
CIELab	84.70, -26.78, 32.38
CIElCh	85, 42.017, 129.593
Yxy	65.4263, 0.3311, 0.4217
Android (android.graphics.Color)	4290175125 (0xFFB6E095)
YUV	202.8920, -26.5688, -18.3223
Hunter-Lab	80.8865, -28.1842, 28.5065

Details

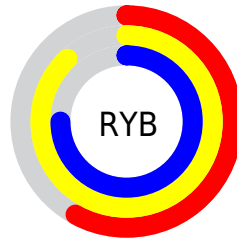
The XYZ color **51.3719, 65.4263, 38.3547** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6905, 37.9549, 75.4424**, and the grayscale version is **56.8604, 59.8215, 65.1457**.

A 20% lighter version of the original color is **82.2557, 94.2304, 70.9797**, and **25.2477, 33.8282, 16.5081** is the 20% darker color. If you saturate the color by 10%, you get **46.9220, 63.3214, 29.6921**, and if you desaturate by 10%, it is **56.4346, 67.8113, 48.8441**.

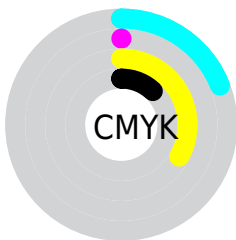
Distribution



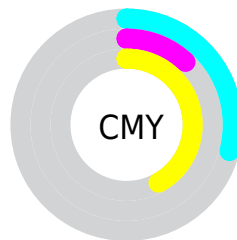
- Red (71%)
- Green (88%)
- Blue (58%)



- Red (58%)
- Yellow (88%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)





- Cyan (29%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3719, 65.4263, 38.3547 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 51.3719, 65.4263, 38.3547 by changing the saturation by 10% instead.


 51.3719, 65.4263,
38.3547


 51.3719, 65.4263,
38.3547


382.3709,
444.3223, 354.4828

 36.7269, 47.8068,
25.9541


 91.3840, 112.6625,
73.8609

 25.1688, 33.6739,
16.5639


 117.4818,
143.0481, 97.8037

 16.3323, 22.6432,
9.7654


148.1279,
178.4578, 126.4309

 9.8519, 14.3303,
5.1401

183.6878,
219.2760, 160.1611

 5.3624, 8.3507,
2.2695

224.5266,
265.8872, 199.4128

 2.4984, 4.3202,
0.7141

271.0098,

 0.8944, 1.8542,

318.6757, 244.6047

0.0000

323.5028,
378.0260, 296.1552

0.0000, 0.5206,
0.0000

0.0000, 0.0000,
0.0000

51.3719, 65.4263,
38.3547

51.3719, 65.4263,
38.3547

46.9220, 63.3214,
29.6921

56.4346, 67.8113,
48.8441

43.0531, 61.4767,
22.7474

62.1300, 70.4787,
61.2523

39.7380, 59.8824,
17.4070

68.4832, 73.4413,
75.6701

36.9445, 58.5250,
13.5416

75.5161, 76.7087,
92.1813

■ 34.6365, 57.3890,
11.0019

■ 82.2677, 79.8972,
105.6935

■ 32.7714, 56.4564,
9.6071

■ 85.9470, 81.7940,
105.8657

■ 31.7540, 55.9416,
9.1242

Harmonies

Analogous

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



59.2245, 65.4263, 31.4435



51.3719, 65.4263, 38.3547



46.7497, 65.4263, 54.6839

Triad

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



51.3719, 65.4263, 38.3547



56.0992, 65.4263, 131.5355



81.7452, 65.4263, 62.9620

Complementary

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



51.3719, 65.4263, 38.3547



45.6905, 37.9549, 75.4424

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.



80.6928, 65.4263, 90.8356



51.3719, 65.4263, 38.3547



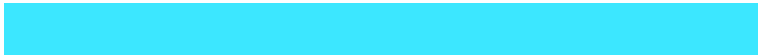
65.2441, 65.4263, 135.3687

Square

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



51.3719, 65.4263, 38.3547



49.2823, 65.4263, 109.5450



74.4197, 65.4263, 118.9851



77.1651, 65.4263, 43.0988

Rectangle

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



51.3719, 65.4263, 38.3547



45.8193, 65.4263, 70.8717



74.4197, 65.4263, 118.9851



82.0481, 65.4263, 71.6058

Sweetspot

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



51.3736, 65.4291, 38.3561



86.1526, 95.8565, 88.4567



54.6355, 54.9550, 36.1625



18.1882, 20.3996, 18.3666



0.0000, 0.0000, 0.0000



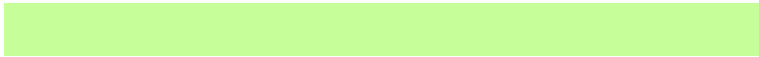
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3736, 65.4291, 38.3561



64.7659, 85.8089, 43.2862



44.7811, 61.9955, 39.6360



14.0982, 15.6308, 14.5808



18.6094, 32.6260, 5.3166



1.3915, 2.3138, 0.3733

Inverse Universe

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



45.6905, 37.9549, 75.4424



56.0548, 43.7223, 100.0926



54.4419, 42.5245, 73.2259



13.6827, 13.6200, 17.2954



12.9268, 5.7593, 41.4787



0.9984, 0.4520, 2.8799

Previews

White Background



This preview shows how the XYZ color 51.3719, 65.4263, 38.3547 looks on a white background.

Color Contrast Check

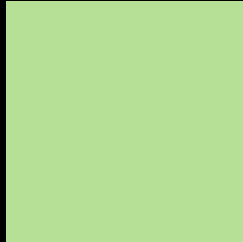
Large Text (above 18pt) WCAG AA × Fail

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 51.3719, 65.4263, 38.3547 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 51.3719, 65.4263, 38.3547

Background



This preview shows how black text looks on a background with the XYZ color 51.3719, 65.4263, 38.3547.



This preview shows how white text looks on a background with the XYZ color 51.3719, 65.4263,

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

51.3719, 65.4263, 38.3547

Protanopia

60.2471, 65.0657, 35.3702

Deuteranopia

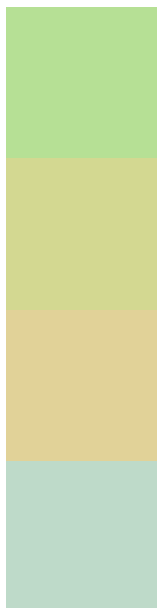
66.3776, 64.8981, 39.6000



Tritanopia

60.7185, 65.3320, 85.0114

Trichromacy



Original Color

51.3719, 65.4263, 38.3547

Protanomaly

56.5307, 65.0050, 36.3558

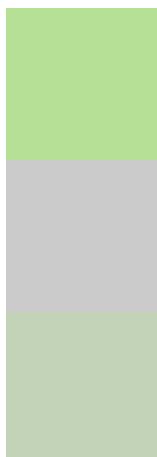
Deuteranomaly

59.7654, 64.3677, 38.9800

Tritanomaly

56.8492, 65.3070, 64.8676

Monochromacy



Original Color

51.3719, 65.4263, 38.3547

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.3472, 61.6095, 53.8272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3719, 65.4263, 38.3547 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(182, 224, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 224, 149)  
}
```

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(182, 224, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 224, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.3719, 65.4263, 38.3547 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(182, 224, 149) }
```


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

```
.border{ border-color:rgb(182, 224, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 224, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 224, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 224, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 224,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3719, 65.4263, 38.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 224, 149) }
```

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

```
.background{ background-color: rgb(182,  
224, 149) }
```

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