

Converting Colors

XYZ(50.8154, 63.9250, 39.3663)

Have a look what the booklet for
XYZ(50.8154, 63.9250, 39.3663)
contains.

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Color

**XYZ(50.8154, 63.9250,
39.3663)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DD98
RGB	182, 221, 152
RGB Percent	71%, 87%, 60%
CMY	0.2863, 0.1333, 0.4039
CMYK	0.18, 0.00, 0.31, 0.13
HSL	94°, 50%, 73%
HSV	94°, 31%, 87%
XYZ	50.8154, 63.9250, 39.3663
YIQ	201.4730, -1.0950, -29.7270

Conversions

Conversions Part 2

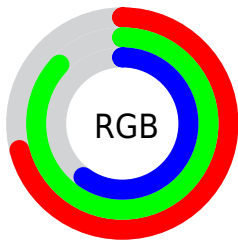
Format	Color
RYB	152, 221, 191
Decimal	11984280
CIELab	83.93, -24.91, 29.81
CIELCh	84, 38.846, 129.884
Yxy	63.9250, 0.3297, 0.4148
Android (android.graphics.Color)	4290174360 (0xFFB6DD98)
YUV	201.4730, -24.3902, -17.0778
Hunter-Lab	79.9531, -26.4696, 26.7747

Details

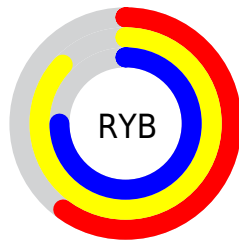
The XYZ color **50.8154, 63.9250, 39.3663** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7679, 38.7551, 73.4783**, and the grayscale version is **55.9597, 58.8740, 64.1138**.

A 20% lighter version of the original color is **82.6191, 94.3757, 72.8933**, and **24.8386, 32.7817, 17.0750** is the 20% darker color. If you saturate the color by 10%, you get **46.3519, 61.8159, 30.5732**, and if you desaturate by 10%, it is **55.8827, 66.3102, 49.9508**.

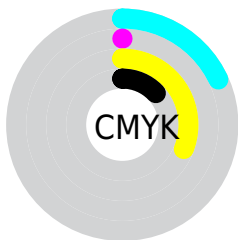
Distribution



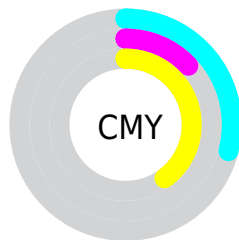
- Red (71%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8154, 63.9250, 39.3663 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 50.8154, 63.9250, 39.3663 by changing the saturation by 10% instead.


 50.8154, 63.9250,
39.3663


 50.8154, 63.9250,
39.3663

380.2456,
438.9188, 358.9177

 36.2822, 46.5899,
26.7348


 90.5665, 110.5029,
75.4241

 24.8233, 32.7116,
17.1435


 116.5150,
140.5146, 99.6874

 16.0735, 21.9056,
10.1738


146.9993,
175.5205, 128.6651

 9.6674, 13.7876,
5.4072

182.3848,
215.9052, 162.7757

 5.2395, 7.9731,
2.4252

223.0369,
262.0529, 202.4377

 2.4247, 4.0777,
0.8001

269.3208,

 0.8574, 1.7171,

314.3482, 248.0696

0.0000

321.6019,
373.1753, 300.0901

0.0000, 0.4347,
0.0000

0.0000, 0.0000,
0.0000

50.8154, 63.9250,
39.3663

50.8154, 63.9250,
39.3663

46.3519, 61.8159,
30.5732

55.8827, 66.3102,
49.9508

42.4617, 59.9637,
23.4682

61.5728, 68.9736,
62.4139

39.1187, 58.3591,
17.9437

67.9099, 71.9277,
76.8425

36.2924, 56.9892,
13.8783

74.9152, 75.1817,
93.3163

■ 33.9487, 55.8393,
11.1326

■ 81.3768, 78.2515,
105.4228

■ 32.0477, 54.8926,
9.5404

■ 85.1478, 80.1955,
105.5993

■ 30.6901, 54.2067,
8.8454

Harmonies

Analogous

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



57.9805, 63.9250, 32.7614



50.8154, 63.9250, 39.3663



46.5928, 63.9250, 54.6343

Triad

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



50.8154, 63.9250, 39.3663



55.2784, 63.9250, 123.8319



78.4355, 63.9250, 61.8310

Complementary

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



50.8154, 63.9250, 39.3663



45.7679, 38.7551, 73.4783

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.



77.5392, 63.9250, 87.0840



50.8154, 63.9250, 39.3663



63.6244, 63.9250, 127.0505

Square

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



50.8154, 63.9250, 39.3663



48.9971, 63.9250, 104.3679



71.9214, 63.9250, 112.3417



74.2665, 63.9250, 43.5685

Rectangle

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



50.8154, 63.9250, 39.3663



45.7577, 63.9250, 69.5078



71.9214, 63.9250, 112.3417



78.7251, 63.9250, 69.6992

Sweetspot

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



50.8170, 63.9278, 39.3677



86.9599, 96.2311, 90.3724



53.8914, 54.4469, 37.3756



18.3481, 20.4738, 18.7481



0.0000, 0.0000, 0.0000



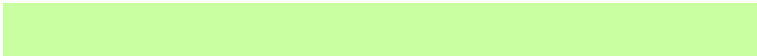
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8170, 63.9278, 39.3677



66.4296, 86.5912, 46.7692



44.7615, 60.7729, 40.5811



13.4208, 14.8817, 13.8907



17.9522, 31.5522, 5.1440



1.2607, 2.0944, 0.3378

Inverse Universe

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



45.7679, 38.7551, 73.4783



58.4600, 46.8810, 100.5755



53.6456, 42.8688, 71.4717



13.0395, 12.9785, 16.4700



12.6203, 5.6302, 40.1600



0.9158, 0.4154, 2.6064

Previews

White Background



This preview shows how the XYZ color 50.8154, 63.9250, 39.3663 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 50.8154, 63.9250, 39.3663 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 50.8154, 63.9250, 39.3663

Background



This preview shows how black text looks on a background with the XYZ color 50.8154, 63.9250, 39.3663.



This preview shows how white text looks on a background with the XYZ color 50.8154, 63.9250,

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

50.8154, 63.9250, 39.3663

Protanopia

59.1183, 63.7151, 36.7861

Deuteranopia

64.6611, 63.3017, 40.2629



Tritanopia

59.5460, 63.6593, 82.5479

Trichromacy



Original Color

50.8154, 63.9250, 39.3663

Protanomaly

55.5136, 63.3137, 37.7287

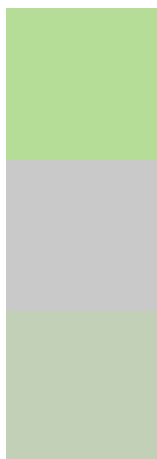
Deuteranomaly

58.9037, 63.1663, 40.0981

Tritanomaly

55.9610, 63.7182, 63.9930

Monochromacy



Original Color

50.8154, 63.9250, 39.3663

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.3513, 60.0000, 53.5690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8154, 63.9250, 39.3663 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, 221, 152)` looks like.

```
.text, #text, p{  
    color:rgb(182, 221, 152)  
}
```

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, 221, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 221, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.8154, 63.9250, 39.3663 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, 221, 152) }
```


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

```
.border{ border-color:rgb(182, 221, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 221, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 221, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 221, 152);  
box-shadow:4px 4px 4px 4px rgb(182, 221,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8154, 63.9250, 39.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 221, 152) }
```

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

```
.background{ background-color: rgb(182,  
221, 152) }
```

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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