

Converting Colors

XYZ(52.0966, 64.5552, 38.1941)

Have a look what the booklet for
XYZ(52.0966, 64.5552, 38.1941)
contains.

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Color

**XYZ(52.0203, 64.5742,
38.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDD95
RGB	188, 221, 149
RGB Percent	74%, 87%, 58%
CMY	0.2627, 0.1333, 0.4157
CMYK	0.15, 0.00, 0.33, 0.13
HSL	88°, 51%, 73%
HSV	88°, 33%, 87%
XYZ	52.0203, 64.5742, 38.1561
YIQ	202.9250, 3.4440, -29.3880

Conversions

Conversions Part 2

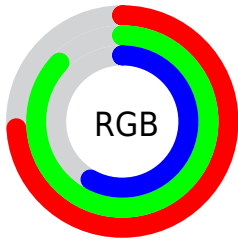
Format	Color
RYB	149, 221, 182
Decimal	12377493
CIELab	84.26, -23.18, 31.86
CIELCh	84, 39.404, 126.034
Yxy	64.5742, 0.3362, 0.4173
Android (android.graphics.Color)	4290567573 (0xFFBCDD95)
YUV	202.9250, -26.5850, -13.0892
Hunter-Lab	80.3581, -25.0735, 28.0982

Details

The XYZ color **52.0203, 64.5742, 38.1561** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0927, 36.6623, 73.2155**, and the grayscale version is **56.8792, 59.8414, 65.1673**.

A 20% lighter version of the original color is **84.3153, 95.2921, 71.0761**, and **25.6254, 33.2038, 16.3676** is the 20% darker color. If you saturate the color by 10%, you get **48.0124, 62.6950, 29.6159**, and if you desaturate by 10%, it is **56.5415, 66.6834, 48.4706**.

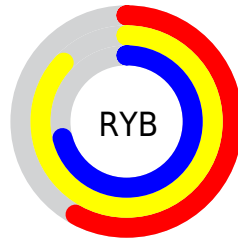
Distribution



Red (74%)

Green (87%)

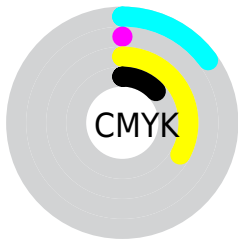
Blue (58%)



Red (58%)

Yellow (87%)

Blue (71%)

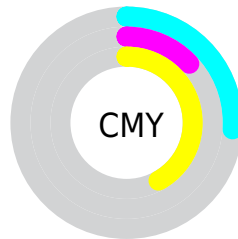


Cyan (15%)

Magenta (0%)

Yellow (33%)

Black (13%)



Cyan (26%)

Magenta (13%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0203, 64.5742, 38.1561 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 52.0203, 64.5742, 38.1561 by changing the saturation by 10% instead.

■ 52.0203, 64.5742,
38.1561

■ 52.0203, 64.5742,
38.1561

384.8376,
441.2602, 353.6074

■ 37.2456, 47.1159,
25.8011

■ 92.3352, 111.4375,
73.5534

■ 25.5722, 33.1273,
16.4505

■ 118.6062,
141.6112, 97.4328

■ 16.6349, 22.2240,
9.6857

149.4399,
176.7922, 125.9907

■ 10.0682, 14.0216,
5.0882

185.2017,
217.3649, 159.6457

■ 5.5068, 8.1357,
2.2395

226.2571,
263.7137, 198.8164

■ 2.5854, 4.1819,
0.6970

272.9713,

■ 0.9385, 1.7758,

316.2229, 243.9211

0.0000

325.7097,
375.2769, 295.3786

0.0000, 0.4720,
0.0000

0.0000, 0.0000,
0.0000

52.0203, 64.5742,
38.1561

52.0203, 64.5742,
38.1561

48.0124, 62.6950,
29.6159

56.5415, 66.6834,
48.4706

44.4904, 61.0277,
22.7457

61.5921, 69.0227,
60.6475

41.4314, 59.5650,
17.4367

67.1934, 71.6034,
74.7742

38.8080, 58.2956,
13.5654

73.3639, 74.4332,
90.9312

■ 36.5895, 57.2066,
10.9898

■ 79.3872, 77.2259,
105.3297

■ 34.7392, 56.2830,
9.5388

■ 82.8975, 79.0355,
105.4940

■ 33.5621, 55.6873,
8.9798

■ 85.1478, 80.1956,
105.5993

Harmonies

Analogous

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



59.6281, 64.5742, 32.5162



52.0203, 64.5742, 38.1561



47.2778, 64.5742, 52.5328

Triad

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



52.0203, 64.5742, 38.1561



54.8060, 64.5742, 124.0313



79.6304, 64.5742, 65.3766

Complementary

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



52.0203, 64.5742, 38.1561



43.0927, 36.6623, 73.2155

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.



78.0301, 64.5742, 91.7044



52.0203, 64.5742, 38.1561



63.1575, 64.5742, 129.7809

Square

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



52.0203, 64.5742, 38.1561



48.7762, 64.5742, 102.5558



71.7908, 64.5742, 116.7983



75.9774, 64.5742, 45.6499

Rectangle

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



52.0203, 64.5742, 38.1561



46.1051, 64.5742, 67.0368



71.7908, 64.5742, 116.7983



79.6932, 64.5742, 73.6887

Sweetspot

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



52.0219, 64.5770, 38.1575



87.0425, 96.3152, 88.4984



51.8514, 50.7551, 35.4986



18.4033, 20.5105, 18.3766



0.0000, 0.0000, 0.0000



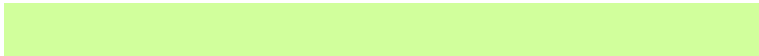
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0219, 64.5770, 38.1575



68.1345, 87.5209, 44.5552



44.3447, 60.6193, 37.7982



13.5569, 14.9518, 13.8970



19.6280, 32.4161, 5.2224



1.3706, 2.1511, 0.3430

Inverse Universe

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



43.0927, 36.6623, 73.2155



53.9871, 43.2825, 100.1167



52.5354, 41.5302, 73.6574



12.9029, 12.9081, 16.4636



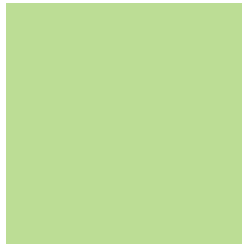
10.8464, 4.7157, 40.0770



0.8013, 0.3563, 2.6010

Previews

White Background



This preview shows how the XYZ color 52.0203, 64.5742, 38.1561 looks on a white background.

Color Contrast Check

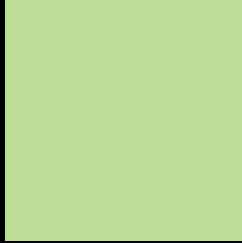
Large Text (above 18pt) WCAG AA × Fail

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 52.0203, 64.5742, 38.1561 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 52.0203, 64.5742, 38.1561

Background



This preview shows how black text looks on a background with the XYZ color 52.0203, 64.5742, 38.1561.



This preview shows how white text looks on a background with the XYZ color 52.0203, 64.5742,

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

52.0203, 64.5742, 38.1561

Protanopia

59.7592, 64.4377, 35.6736

Deuteranopia

65.3478, 64.0297, 39.0517



Tritanopia

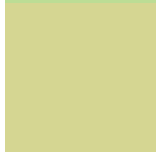
60.8510, 64.3321, 82.6089

Trichromacy



Original Color

52.0203, 64.5742, 38.1561



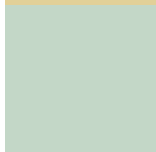
Protanomaly

56.6754, 64.3146, 36.6210



Deuteranomaly

59.5874, 63.5475, 38.8311



Tritanomaly

57.1149, 64.3265, 63.4388

Monochromacy



Original Color

52.0203, 64.5742, 38.1561



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.8825, 61.5179, 53.7813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0203, 64.5742, 38.1561 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(188, 221, 149)` looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 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(188, 221, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 149) }
```

Border

The CSS property to change the border of an element to XYZ 52.0203, 64.5742, 38.1561 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(188, 221, 149) }
```


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

```
.border{ border-color:rgb(188, 221, 149) }
```

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

Here you see how a box with a 4 pixel rgb(188, 221, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 221, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 221, 149);  
box-shadow:4px 4px 4px 4px rgb(188, 221,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0203, 64.5742, 38.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 221, 149) }
```

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

```
.background{ background-color: rgb(188,  
221, 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](#).

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