

Converting Colors

XYZ(50.5217, 63.8194, 52.4387)

Have a look what the booklet for
XYZ(50.5217, 63.8194, 52.4387)
contains.

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Color

**XYZ(50.6201, 63.9322,
52.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	A9DEB3
RGB	169, 222, 179
RGB Percent	66%, 87%, 70%
CMY	0.3373, 0.1294, 0.2980
CMYK	0.24, 0.00, 0.19, 0.13
HSL	131°, 45%, 77%
HSV	131°, 24%, 87%
XYZ	50.6201, 63.9322, 52.3200
YIQ	201.2510, -17.7850, -24.6090

Conversions

Conversions Part 2

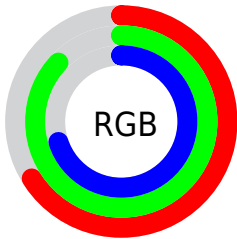
Format	Color
R _{YB}	169, 214, 222
Decimal	11132595
CIE _{Lab}	83.93, -25.45, 15.64
CIE _{LCh}	84, 29.870, 148.418
Yxy	63.9322, 0.3033, 0.3831
Android (android.graphics.Color)	4289322675 (0xFFA9DEB3)
YUV	201.2510, -10.9697, -28.2841
Hunter-Lab	79.9576, -26.9199, 17.1741

Details

The XYZ color **50.6201, 63.9322, 52.3200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.1980, 48.6604, 68.7204**, and the grayscale version is **55.7482, 58.6515, 63.8715**.

A 20% lighter version of the original color is **81.8067, 93.5257, 92.3379**, and **24.7871, 32.8568, 24.7742** is the 20% darker color. If you saturate the color by 10%, you get **44.5516, 61.0025, 43.1402**, and if you desaturate by 10%, it is **57.7387, 67.3794, 62.7938**.

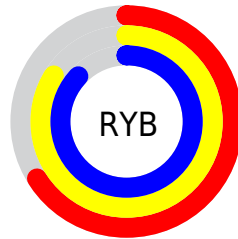
Distribution



Red (66%)

Green (87%)

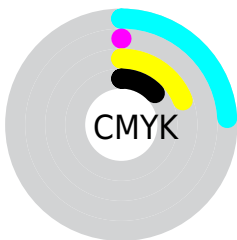
Blue (70%)



Red (66%)

Yellow (84%)

Blue (87%)

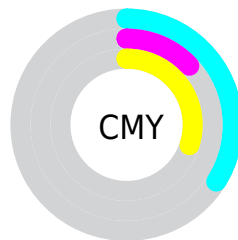


Cyan (24%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (34%)

Magenta (13%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6201, 63.9322, 52.3200 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 50.6201, 63.9322, 52.3200 by changing the saturation by 10% instead.

■ 50.6201, 63.9322,
52.3200

■ 50.6201, 63.9322,
52.3200

379.4980,
438.9448, 412.6628

■ 36.1262, 46.5958,
36.8762

■ 90.2793, 110.5133,
95.0344

■ 24.7022, 32.7162,
24.8166

116.1753,
140.5267, 123.1421

■ 15.9829, 21.9091,
15.7227

146.6027,
175.5346, 156.3081

■ 9.6028, 13.7901,
9.1759

181.9268,
215.9214, 194.9510

■ 5.1966, 7.9749,
4.7577

222.5131,
262.0714, 239.4895

■ 2.3990, 4.0789,
2.0496

268.7268,

■ 0.8446, 1.7178,

314.3690, 290.3419

0.5855

320.9333,
373.1987, 347.9268

0.0000, 0.4351,
0.0000

0.0000, 0.0000,
0.0000

50.6201, 63.9322,
52.3200

50.6201, 63.9322,
52.3200

44.5516, 61.0025,
43.1402

57.7387, 67.3794,
62.7938

39.4780, 58.5575,
35.2000

65.9489, 71.3589,
74.6048

35.3470, 56.5730,
28.4476

75.2960, 75.8952,
87.7992

32.0991, 55.0197,
22.8256

84.7828, 80.4731,
102.3713

■ 29.6681, 53.8648,
18.2720

■ 85.4125, 80.7250,
105.6875

■ 27.9782, 53.0705,
14.7188

■ 26.9382, 52.5915,
12.0899

■ 26.5384, 52.4114,
10.8976

Harmonies

Analogous

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



54.9459, 63.9322, 42.3780



50.6201, 63.9322, 52.3200



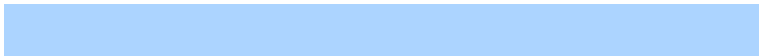
48.9847, 63.9322, 68.6167

Triad

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



50.6201, 63.9322, 52.3200



60.4174, 63.9322, 112.4358



72.5757, 63.9322, 53.7640

Complementary

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



50.6201, 63.9322, 52.3200



56.1980, 48.6604, 68.7204

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.



74.2985, 63.9322, 70.6154



50.6201, 63.9322, 52.3200



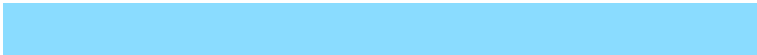
66.9825, 63.9322, 106.5546

Square

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



50.6201, 63.9322, 52.3200



54.3826, 63.9322, 105.2327



72.1836, 63.9322, 90.3456



67.6295, 63.9322, 43.0999

Rectangle

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



50.6201, 63.9322, 52.3200



49.5435, 63.9322, 81.6881



72.1836, 63.9322, 90.3456



73.5660, 63.9322, 58.7876

Sweetspot

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



50.6218, 63.9349, 52.3214



86.5404, 95.8725, 96.7861



60.5183, 69.1494, 47.6942



18.3739, 20.4483, 20.5020



0.0000, 0.0000, 0.0000



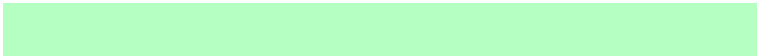
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6218, 63.9349, 52.3214



64.6784, 85.2901, 64.6851



53.5310, 65.0986, 67.6410



13.6339, 15.3793, 15.1074



15.7928, 31.1420, 6.6321



1.1255, 2.1709, 0.6222

Inverse Universe

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



56.1980, 48.6604, 68.7204



73.6583, 60.6818, 91.0866



53.1540, 47.4428, 52.6908



14.1783, 13.8890, 16.7091



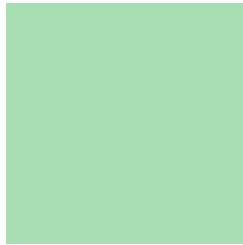
22.8323, 11.1999, 26.8466



1.6116, 0.7879, 2.0135

Previews

White Background



This preview shows how the XYZ color 50.6201, 63.9322, 52.3200 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 50.6201, 63.9322, 52.3200 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 50.6201, 63.9322, 52.3200

Background



This preview shows how black text looks on a background with the XYZ color 50.6201, 63.9322, 52.3200.



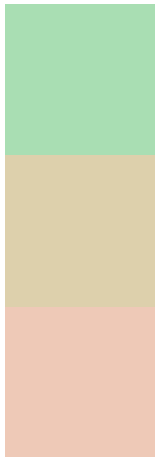
This preview shows how white text looks on a background with the XYZ color 50.6201, 63.9322,

52.3200.

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

50.6201, 63.9322, 52.3200

Protanopia

59.8211, 63.4625, 48.1263

Deuteranopia

64.6938, 63.3693, 53.6215



Tritanopia

57.4563, 64.0108, 85.6710

Trichromacy



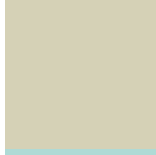
Original Color

50.6201, 63.9322, 52.3200



Protanomaly

55.8892, 63.2402, 49.8183



Deuteranomaly

58.6845, 63.1245, 53.3472



Tritanomaly

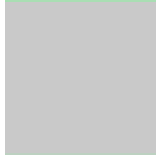
54.7608, 64.0609, 72.4296

Monochromacy



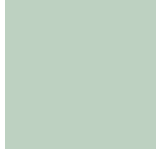
Original Color

50.6201, 63.9322, 52.3200



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.4124, 60.2700, 59.2702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6201, 63.9322, 52.3200 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(169, 222, 179)` looks like.

```
.text, #text, p{  
    color:rgb(169, 222, 179)  
}
```

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(169, 222, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 222, 179) }
```

Border

The CSS property to change the border of an element to XYZ 50.6201, 63.9322, 52.3200 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(169, 222, 179) }
```


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

```
.border{ border-color:rgb(169, 222, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 222, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 222, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 222, 179);  
box-shadow:4px 4px 4px 4px rgb(169, 222,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6201, 63.9322, 52.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 222, 179) }
```

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

```
.background{ background-color: rgb(169,  
222, 179) }
```

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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