

Converting Colors

XYZ(50.6071, 60.6857, 53.8314)

Have a look what the booklet for
XYZ(50.6071, 60.6857, 53.8314)
contains.

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Color

**XYZ(50.7253, 60.8591,
53.8732)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D6B7
RGB	177, 214, 183
RGB Percent	69%, 84%, 72%
CMY	0.3059, 0.1608, 0.2823
CMYK	0.17, 0.00, 0.14, 0.16
HSL	130°, 31%, 77%
HSV	130°, 17%, 84%
XYZ	50.7253, 60.8591, 53.8732
YIQ	199.4030, -12.1010, -17.4850

Conversions

Conversions Part 2

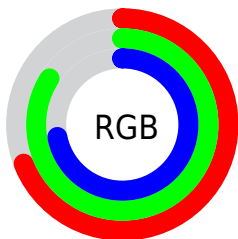
Format	Color
RYB	177, 209, 214
Decimal	11654839
CIELab	82.30, -18.15, 11.30
CIElCh	82, 21.381, 148.089
Yxy	60.8591, 0.3066, 0.3678
Android (android.graphics.Color)	4289844919 (0xFFB1D6B7)
YUV	199.4030, -8.0867, -19.6474
Hunter-Lab	78.0122, -20.4567, 13.6645

Details

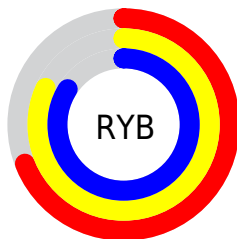
The XYZ color **50.7253, 60.8591, 53.8732** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.8410, 50.2960, 66.4950**, and the grayscale version is **54.5876, 57.4304, 62.5417**.

A 20% lighter version of the original color is **84.9443, 95.0756, 95.5357**, and **24.7396, 30.6931, 25.7395** is the 20% darker color. If you saturate the color by 10%, you get **44.4790, 57.8428, 44.4518**, and if you desaturate by 10%, it is **57.9772, 64.3697, 64.5853**.

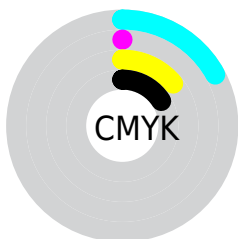
Distribution



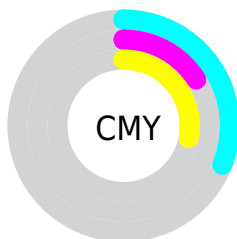
- Red (69%)
- Green (84%)
- Blue (72%)



- Red (69%)
- Yellow (82%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7253, 60.8591, 53.8732 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 50.7253, 60.8591, 53.8732 by changing the saturation by 10% instead.

■ 50.7253, 60.8591,
53.8732

■ 50.7253, 60.8591,
53.8732

379.9008,
427.7572, 418.7872

■ 36.2102, 44.1115,
38.1078

■ 90.4340, 106.0749,
97.3426

■ 24.7674, 30.7581,
25.7639

116.3583,
135.3119, 125.8836

■ 16.0317, 20.4148,
16.4229

146.8164,
169.4807, 159.5203

■ 9.6376, 12.6969,
9.6663

182.1736,
208.9658, 198.6712

■ 5.2197, 7.2202,
5.0756

222.7953,
254.1517, 243.7548

■ 2.4128, 3.6002,
2.2322

269.0468,

■ 0.8515, 1.4525,

305.4226, 295.1896

0.6928

321.2936,
363.1629, 353.3943

0.0000, 0.2549,
0.0000

0.0000, 0.0000,
0.0000

50.7253, 60.8591,
53.8732

50.7253, 60.8591,
53.8732

44.4790, 57.8428,
44.4518

57.9772, 64.3697,
64.5853

39.1888, 55.2913,
36.2686

66.2712, 68.3875,
76.6301

34.8086, 53.1835,
29.2732

75.6485, 72.9342,
90.0527

31.2863, 51.4938,
23.4103

83.2931, 76.5576,
104.7613

■ 28.5648, 50.1940,
18.6203

■ 83.3377, 76.5754,
104.9959

■ 26.5795, 49.2522,
14.8379

■ 25.2558, 48.6314,
11.9909

■ 24.4958, 48.2830,
9.9969

■ 24.3467, 48.2150,
9.5902

Harmonies

Analogous

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



53.8189, 60.8591, 46.5116



50.7253, 60.8591, 53.8732



49.5269, 60.8591, 65.4326

Triad

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



50.7253, 60.8591, 53.8732



57.5533, 60.8591, 94.6227



65.9190, 60.8591, 55.1446

Complementary

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



50.7253, 60.8591, 53.8732



54.8410, 50.2960, 66.4950

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.



67.0453, 60.8591, 67.1048



50.7253, 60.8591, 53.8732



62.0666, 60.8591, 90.9434

Square

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



50.7253, 60.8591, 53.8732



53.3384, 60.8591, 89.9147



65.6010, 60.8591, 80.4252



62.5980, 60.8591, 47.1751

Rectangle

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



50.7253, 60.8591, 53.8732



49.9138, 60.8591, 74.3611



65.6010, 60.8591, 80.4252



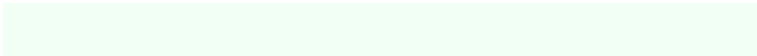
66.5743, 60.8591, 58.7794

Sweetspot

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



50.7270, 60.8617, 53.8745



88.8412, 96.9925, 99.8799



58.1240, 64.7456, 51.0295



18.8358, 20.6733, 21.1158



0.0000, 0.0000, 0.0000



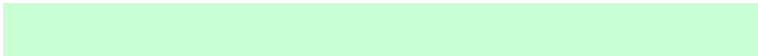
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7270, 60.8617, 53.8745



71.6180, 88.6598, 74.3982



52.7284, 61.6623, 64.4143



12.3437, 13.9285, 13.6245



14.7407, 29.1516, 5.9300



0.9152, 1.7687, 0.4950

Inverse Universe

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



54.8410, 50.2960, 66.4950



78.9149, 69.9167, 96.7800



52.7444, 49.4574, 55.4544



12.8625, 12.5965, 15.2162



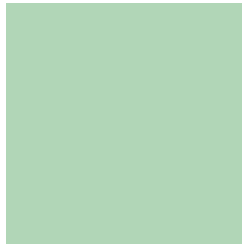
21.7310, 10.6287, 26.9510



1.3344, 0.6505, 1.7501

Previews

White Background



This preview shows how the XYZ color 50.7253, 60.8591, 53.8732 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 50.7253, 60.8591, 53.8732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

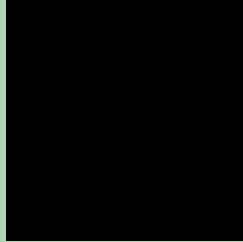
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7253, 60.8591, 53.8732

Background



This preview shows how black text looks on a background with the XYZ color 50.7253, 60.8591, 53.8732.



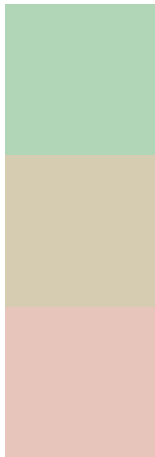
This preview shows how white text looks on a background with the XYZ color 50.7253, 60.8591,

53.8732.

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

50.7253, 60.8591, 53.8732

Protanopia

57.3603, 60.6962, 50.8118

Deuteranopia

61.7842, 60.4666, 54.8692



Tritanopia

55.9136, 60.7383, 80.0109

Trichromacy



Original Color

50.7253, 60.8591, 53.8732

Protanomaly

54.8815, 60.8245, 52.0278

Deuteranomaly

56.9769, 60.0635, 54.4894

Tritanomaly

53.7355, 60.5701, 69.8318

Monochromacy



Original Color

50.7253, 60.8591, 53.8732

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.7044, 58.1124, 58.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7253, 60.8591, 53.8732 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(177, 214, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 214, 183)  
}
```

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(177, 214, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 214, 183) }
```

Border

The CSS property to change the border of an element to XYZ 50.7253, 60.8591, 53.8732 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(177, 214, 183) }
```


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

```
.border{ border-color:rgb(177, 214, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 214, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 214, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 214, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 214,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7253, 60.8591, 53.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 214, 183) }
```

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

```
.background{ background-color: rgb(177,  
214, 183) }
```

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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