

Converting Colors

XYZ(53.5052, 64.7299, 56.2523)

Have a look what the booklet for
XYZ(53.5052, 64.7299, 56.2523)
contains.

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Color

**XYZ(53.2785, 64.4349,
56.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DCBA
RGB	180, 220, 186
RGB Percent	71%, 86%, 73%
CMY	0.2941, 0.1372, 0.2706
CMYK	0.18, 0.00, 0.15, 0.14
HSL	129°, 36%, 78%
HSV	129°, 18%, 86%
XYZ	53.2785, 64.4349, 56.0835
YIQ	204.1640, -12.9260, -19.0540

Conversions

Conversions Part 2

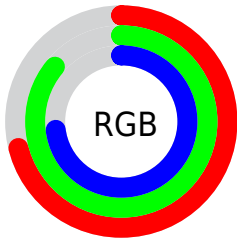
Format	Color
RYB	180, 215, 220
Decimal	11852986
CIELab	84.19, -19.60, 12.42
CIELCh	84, 23.204, 147.627
Yxy	64.4349, 0.3066, 0.3707
Android (android.graphics.Color)	4290043066 (0xFFB4DCBA)
YUV	204.1640, -8.9549, -21.1918
Hunter-Lab	80.2714, -21.9991, 14.7656

Details

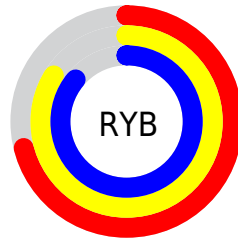
The XYZ color **53.2785, 64.4349, 56.0835** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.9763, 52.7146, 70.7404**, and the grayscale version is **57.5603, 60.5580, 65.9476**.

A 20% lighter version of the original color is **86.3791, 95.7637, 97.9360**, and **26.4412, 33.1157, 27.1887** is the 20% darker color. If you saturate the color by 10%, you get **46.6981, 61.2593, 46.0685**, and if you desaturate by 10%, it is **60.9356, 68.1391, 67.5098**.

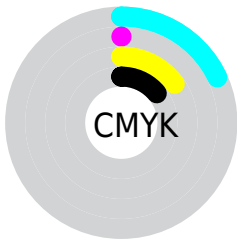
Distribution



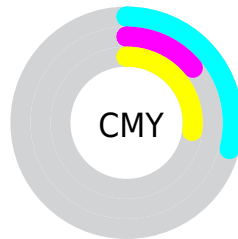
- Red (71%)
- Green (86%)
- Blue (73%)



- Red (71%)
- Yellow (84%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2785, 64.4349, 56.0835 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 53.2785, 64.4349, 56.0835 by changing the saturation by 10% instead.

■ 53.2785, 64.4349,
56.0835

■ 53.2785, 64.4349,
56.0835

389.5961,
440.7585, 427.4033

■ 38.2535, 47.0030,
39.8654

■ 94.1772, 111.2370,
100.6137

■ 26.3576, 33.0380,
27.1206

120.7816,
141.3760, 129.7628

■ 17.2254, 22.1556,
17.4306

151.9765,
176.5196, 164.0595

■ 10.4917, 13.9713,
10.3768

188.1272,
217.0520, 203.9221

■ 5.7909, 8.1007,
5.5406

229.5992,
263.3577, 249.7692

■ 2.7578, 4.1594,
2.5036

276.7578,

■ 1.0270, 1.7631,

315.8211, 302.0194

0.8421

329.9683,
374.8265, 361.0913

0.0000, 0.4640,
0.0000

0.0000, 0.0000,
0.0000

53.2785, 64.4349,
56.0835

53.2785, 64.4349,
56.0835

46.6981, 61.2593,
46.0685

60.9356, 68.1391,
67.5098

41.1409, 58.5804,
37.4059

69.7092, 72.3860,
80.3947

36.5565, 56.3754,
30.0390

79.6439, 77.1992,
94.7887

32.8883, 54.6163,
23.9055

84.8845, 79.6689,
105.5115

■ 30.0739, 53.2725,
18.9378

■ 28.0426, 52.3090,
15.0619

■ 26.7124, 51.6853,
12.1953

■ 25.9691, 51.3446,
10.2430

■ 25.8690, 51.2988,
9.9772

Harmonies

Analogous

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



56.7788, 64.4349, 47.9727



53.2785, 64.4349, 56.0835



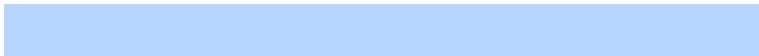
51.9001, 64.4349, 68.9945

Triad

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



53.2785, 64.4349, 56.0835



60.8356, 64.4349, 102.3674



70.4127, 64.4349, 57.8481

Complementary

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



53.2785, 64.4349, 56.0835



57.9763, 52.7146, 70.7404

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.



71.6458, 64.4349, 71.3358



53.2785, 64.4349, 56.0835



65.9362, 64.4349, 98.3068

Square

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



53.2785, 64.4349, 56.0835



56.1084, 64.4349, 96.8482



69.9651, 64.4349, 86.4113



66.6826, 64.4349, 48.8870

Rectangle

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



53.2785, 64.4349, 56.0835



52.3086, 64.4349, 79.0730



69.9651, 64.4349, 86.4113



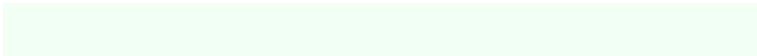
71.1418, 64.4349, 61.9408

Sweetspot

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



53.2802, 64.4376, 56.0849



88.8177, 96.9830, 99.7558



61.5656, 68.7811, 53.2118



18.8301, 20.6710, 21.0858



0.0000, 0.0000, 0.0000



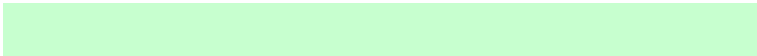
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2802, 64.4376, 56.0849



70.5877, 88.1689, 72.5316



55.5581, 65.3488, 68.0801



12.9657, 14.6379, 14.2825



15.2070, 30.1154, 5.9893



1.0108, 1.9613, 0.5230

Inverse Universe

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



57.9763, 52.7146, 70.7404



78.3649, 68.7506, 96.8001



55.5760, 51.7545, 58.1008



13.5260, 13.2395, 16.0314



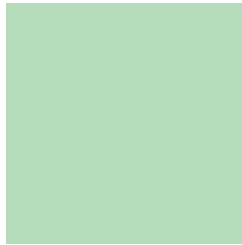
22.6193, 11.0487, 28.7047



1.4887, 0.7251, 1.9822

Previews

White Background



This preview shows how the XYZ color 53.2785, 64.4349, 56.0835 looks on a white background.

Color Contrast Check

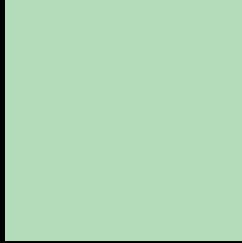
Large Text (above 18pt) WCAG AA × Fail

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 53.2785, 64.4349, 56.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

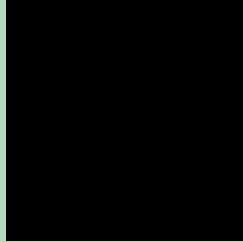
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2785, 64.4349, 56.0835

Background



This preview shows how black text looks on a background with the XYZ color 53.2785, 64.4349, 56.0835.

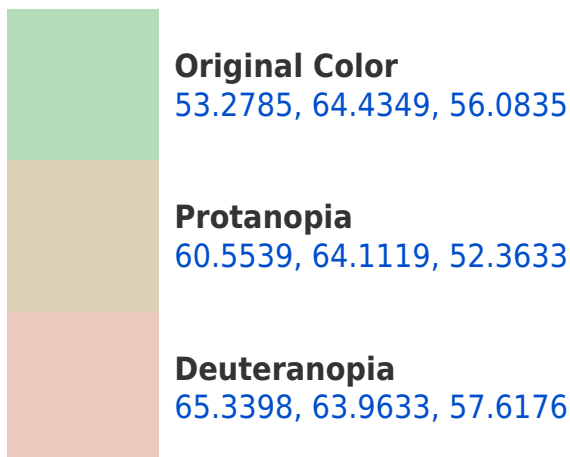


This preview shows how white text looks on a background with the XYZ color 53.2785, 64.4349,

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





Tritanopia

59.2094, 64.5540, 84.9408

Trichromacy



Original Color

53.2785, 64.4349, 56.0835

Protanomaly

57.4146, 63.9450, 53.5725

Deuteranomaly

60.3047, 63.8740, 57.2946

Tritanomaly

56.8292, 64.3323, 73.7121

Monochromacy



Original Color

53.2785, 64.4349, 56.0835

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6303, 61.7265, 61.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2785, 64.4349, 56.0835 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(180, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(180, 220, 186)  
}
```

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(180, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 220, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.2785, 64.4349, 56.0835 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(180, 220, 186) }
```


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

```
.border{ border-color:rgb(180, 220, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 220, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(180, 220,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2785, 64.4349, 56.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 220, 186) }
```

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

```
.background{ background-color: rgb(180,  
220, 186) }
```

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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