

Converting Colors

XYZ(53.8787, 66.3215, 56.4160)

Have a look what the booklet for
XYZ(53.8787, 66.3215, 56.4160)
contains.

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Color

**XYZ(53.8787, 66.3215,
56.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E0BA
RGB	178, 224, 186
RGB Percent	70%, 88%, 73%
CMY	0.3020, 0.1215, 0.2706
CMYK	0.21, 0.00, 0.17, 0.12
HSL	130°, 43%, 79%
HSV	130°, 21%, 88%
XYZ	53.8787, 66.3215, 56.4160
YIQ	205.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

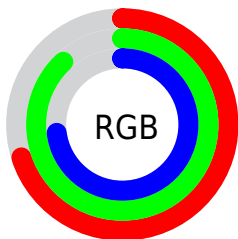
Format	Color
RYB	178, 217, 224
Decimal	11722938
CIELab	85.16, -22.23, 13.78
CIElCh	85, 26.153, 148.210
Yxy	66.3215, 0.3051, 0.3755
Android (android.graphics.Color)	4289913018 (0xFFB2E0BA)
YUV	205.9140, -9.8176, -24.4806
Hunter-Lab	81.4380, -24.4224, 15.9336

Details

The XYZ color **53.8787, 66.3215, 56.4160** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.0579, 52.6475, 72.0180**, and the grayscale version is **58.6805, 61.7365, 67.2310**.

A 20% lighter version of the original color is **85.7187, 95.4232, 97.9051**, and **26.8791, 34.4294, 27.4192** is the 20% darker color. If you saturate the color by 10%, you get **47.3112, 63.1505, 46.4963**, and if you desaturate by 10%, it is **61.5438, 70.0327, 67.7198**.

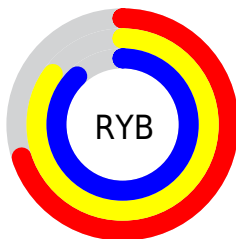
Distribution



Red (70%)

Green (88%)

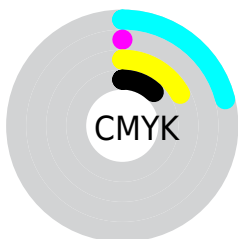
Blue (73%)



Red (70%)

Yellow (85%)

Blue (88%)

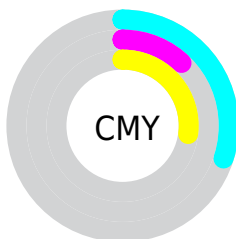


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8787, 66.3215, 56.4160 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 53.8787, 66.3215, 56.4160 by changing the saturation by 10% instead.


 53.8787, 66.3215,
56.4160

 53.8787, 66.3215,
56.4160


391.8532,
447.5258, 428.6896

 38.7350, 48.5334,
40.1303

 95.0541, 113.9476,
101.1044

 26.7334, 34.2495,
27.3256


121.8164,
144.5545, 130.3442

 17.5087, 23.0854,
17.5833

153.1823,
180.2031, 164.7392

 10.6954, 14.6565,
10.4849

189.5172,
221.2778, 204.7078

 5.9282, 8.5787,
5.6119

231.1864,
268.1631, 250.6686

 2.8417, 4.4674,
2.5456

278.5552,

 1.0706, 1.9383,

321.2432, 303.0401

0.8642

331.9890,
380.9027, 362.2410

0.0003, 0.5713,
0.0000

0.0000, 0.0000,
0.0000

53.8787, 66.3215,
56.4160

53.8787, 66.3215,
56.4160

47.3112, 63.1505,
46.4963

61.5438, 70.0327,
67.7198

41.7857, 60.4865,
37.9032

70.3483, 74.2988,
80.4535

37.2494, 58.3053,
30.5818

80.3384, 79.1447,
94.6662

33.6430, 56.5776,
24.4716

85.9470, 81.7939,
105.8657

■ 30.9007, 55.2709,
19.5069

■ 28.9476, 54.3482,
15.6163

■ 27.6957, 53.7656,
12.7198

■ 27.0224, 53.4601,
10.8103

Harmonies

Analogous

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



57.8255, 66.3215, 47.2028



53.8787, 66.3215, 56.4160



52.3656, 66.3215, 71.2029

Triad

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



53.8787, 66.3215, 56.4160



62.6829, 66.3215, 109.7908



73.5696, 66.3215, 57.9200

Complementary

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



53.8787, 66.3215, 56.4160



59.0579, 52.6475, 72.0180

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.



75.0669, 66.3215, 73.2323



53.8787, 66.3215, 56.4160



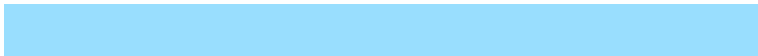
68.5518, 66.3215, 104.7880

Square

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



53.8787, 66.3215, 56.4160



57.2480, 66.3215, 103.4928



73.1775, 66.3215, 90.7133



69.2028, 66.3215, 47.9712

Rectangle

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



53.8787, 66.3215, 56.4160



52.8643, 66.3215, 82.8473



73.1775, 66.3215, 90.7133



74.4367, 66.3215, 62.5297

Sweetspot

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



53.8805, 66.3243, 56.4175



87.6747, 96.4253, 98.2798



63.1117, 71.1787, 52.5327



18.6015, 20.5593, 20.7977



0.0000, 0.0000, 0.0000



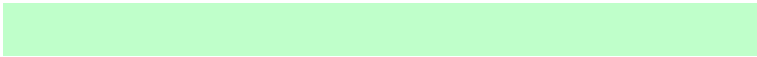
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8805, 66.3243, 56.4175



68.0094, 86.9090, 69.2770



56.4852, 67.3662, 70.1337



13.6256, 15.3760, 15.0636



15.7576, 31.1279, 6.4466



1.1216, 2.1694, 0.6016

Inverse Universe

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



59.0579, 52.6475, 72.0180



76.2413, 65.1571, 94.0771



56.3258, 51.5547, 57.6311



14.1873, 13.8926, 16.7567



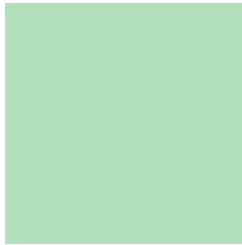
23.0311, 11.2794, 27.8933



1.6237, 0.7927, 2.0771

Previews

White Background



This preview shows how the XYZ color 53.8787, 66.3215, 56.4160 looks on a white background.

Color Contrast Check

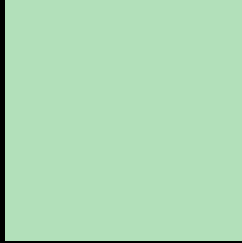
Large Text (above 18pt) WCAG AA × Fail

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 53.8787, 66.3215, 56.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

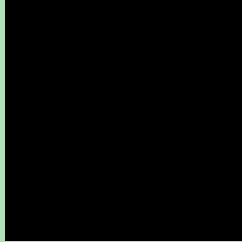
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8787, 66.3215, 56.4160

Background



This preview shows how black text looks on a background with the XYZ color 53.8787, 66.3215, 56.4160.



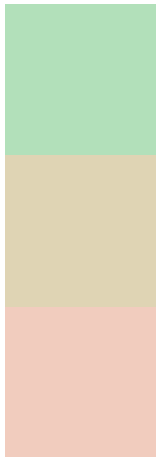
This preview shows how white text looks on a background with the XYZ color 53.8787, 66.3215,

56.4160.

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

53.8787, 66.3215, 56.4160

Protanopia

62.2131, 66.0702, 52.6539

Deuteranopia

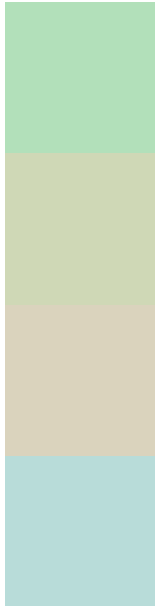
67.1628, 65.6042, 57.8382



Tritanopia

60.3018, 66.1887, 88.1947

Trichromacy



Original Color

53.8787, 66.3215, 56.4160

Protanomaly

58.7315, 65.7545, 53.8524

Deuteranomaly

61.3930, 65.1681, 57.4871

Tritanomaly

57.8847, 66.3865, 75.4087

Monochromacy



Original Color

53.8787, 66.3215, 56.4160

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.8680, 63.4478, 63.2822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8787, 66.3215, 56.4160 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(178, 224, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 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(178, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.8787, 66.3215, 56.4160 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(178, 224, 186) }
```


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

```
.border{ border-color:rgb(178, 224, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 224, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 224, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 224, 186); box-shadow:4px 4px 4px 4px rgb(178, 224, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8787, 66.3215, 56.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 224, 186) }
```

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

```
.background{ background-color: rgb(178,  
224, 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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