

Converting Colors

XYZ(53.8756, 63.9421, 56.1316)

Have a look what the booklet for
XYZ(53.8756, 63.9421, 56.1316)
contains.

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Color

**XYZ(53.9419, 64.0023,
55.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DABA
RGB	185, 218, 186
RGB Percent	73%, 85%, 73%
CMY	0.2745, 0.1451, 0.2706
CMYK	0.15, 0.00, 0.15, 0.15
HSL	122°, 31%, 79%
HSV	122°, 15%, 85%
XYZ	53.9419, 64.0023, 55.9650
YIQ	204.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

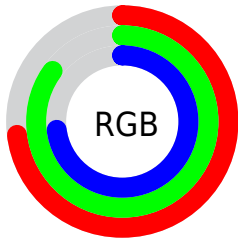
Format	Color
RYB	185, 217, 218
Decimal	12180154
CIELab	83.97, -16.92, 12.15
CIElCh	84, 20.834, 144.327
Yxy	64.0023, 0.3102, 0.3680
Android (android.graphics.Color)	4290370234 (0xFFB9DABA)
YUV	204.4850, -9.1131, -17.0883
Hunter-Lab	80.0014, -19.6468, 14.5247

Details

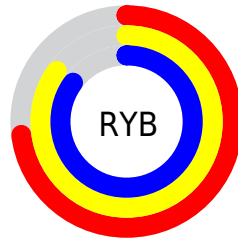
The XYZ color **53.9419, 64.0023, 55.9650** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.7890, 54.6145, 73.0917**, and the grayscale version is **57.7631, 60.7713, 66.1799**.

A 20% lighter version of the original color is **88.0626, 96.6316, 98.0148**, and **26.8466, 32.7934, 27.1051** is the 20% darker color. If you saturate the color by 10%, you get **46.9970, 60.6647, 44.7640**, and if you desaturate by 10%, it is **62.0292, 67.8941, 68.9577**.

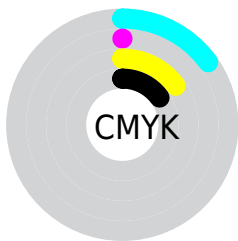
Distribution



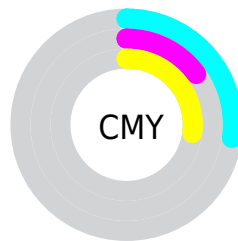
- Red (73%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (85%)



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





- Cyan (27%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9419, 64.0023, 55.9650 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 53.9419, 64.0023, 55.9650 by changing the saturation by 10% instead.


 53.9419, 64.0023,
55.9650

 53.9419, 64.0023,
55.9650


392.0904,
439.1979, 426.9442

 38.7857, 46.6525,
39.7711


 95.1463, 110.6142,
100.4387

 26.7730, 32.7611,
27.0477

121.9253,
140.6452, 129.5555

 17.5385, 21.9435,
17.3763


153.3092,
175.6721, 163.8170

 10.7169, 13.8154,
10.3383

189.6634,
216.0791, 203.6418

 5.9427, 7.9924,
5.5153

231.3532,
262.2509, 249.4484

 2.8506, 4.0901,
2.4887

278.7441,

 1.0752, 1.7241,

314.5717, 301.6553

0.8342

332.2014,
373.4259, 360.6810

0.0043, 0.4392,
0.0000

0.0000, 0.0000,
0.0000

53.9419, 64.0023,
55.9650

53.9419, 64.0023,
55.9650

46.9970, 60.6647,
44.7640

62.0292, 67.8941,
68.9577

41.1382, 57.8484,
35.2722

71.3016, 72.3550,
83.8112

36.3121, 55.5295,
27.4068

81.8060, 77.4096,
100.5966

32.4588, 53.6792,
21.0765

84.3627, 78.6254,
105.3376

■ 29.5123, 52.2655,
16.1812

■ 27.3983, 51.2526,
12.6088

■ 26.0310, 50.5989,
10.2304

■ 25.3057, 50.2539,
8.8919

■ 25.1089, 50.1598,
8.5482

Harmonies

Analogous

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



57.2692, 64.0023, 49.1035



53.9419, 64.0023, 55.9650



52.4672, 64.0023, 67.2193

Triad

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



53.9419, 64.0023, 55.9650



59.9642, 64.0023, 97.9812



69.2322, 64.0023, 59.7870

Complementary

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



53.9419, 64.0023, 55.9650



58.7890, 54.6145, 73.0917

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.



70.0423, 64.0023, 72.2156



53.9419, 64.0023, 55.9650



64.5402, 64.0023, 95.3444

Square

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



53.9419, 64.0023, 55.9650



55.8302, 64.0023, 92.2988



68.2858, 64.0023, 85.4879



66.1245, 64.0023, 51.1083

Rectangle

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



53.9419, 64.0023, 55.9650



52.6770, 64.0023, 76.1301



68.2858, 64.0023, 85.4879



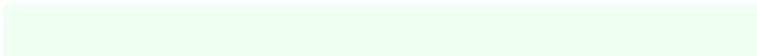
69.7886, 64.0023, 63.6193

Sweetspot

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



53.9436, 64.0050, 55.9664



88.5866, 96.8906, 98.5393



62.5804, 68.4697, 55.8172



18.7742, 20.6486, 20.7915



0.0000, 0.0000, 0.0000



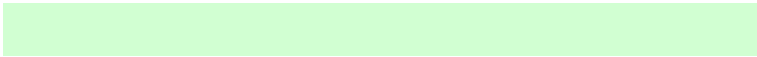
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9436, 64.0050, 55.9664



73.7770, 89.7676, 74.7328



55.7475, 64.7266, 65.4653



12.9024, 14.6126, 13.9492



15.0492, 30.0523, 5.1585



0.9807, 1.9492, 0.3645

Inverse Universe

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



58.7890, 54.6145, 73.0917



81.8917, 74.0407, 103.4126



56.8012, 53.8194, 62.6238



13.5964, 13.2677, 16.4021



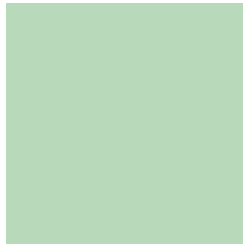
24.4034, 11.7624, 38.0997



1.5865, 0.7642, 2.4972

Previews

White Background



This preview shows how the XYZ color 53.9419, 64.0023, 55.9650 looks on a white background.

Color Contrast Check

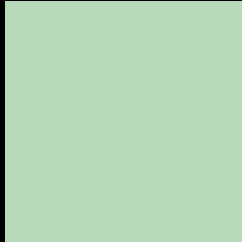
Large Text (above 18pt) WCAG AA × Fail

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 53.9419, 64.0023, 55.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

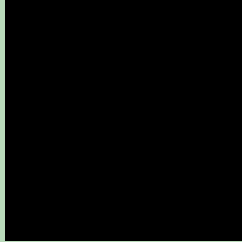
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9419, 64.0023, 55.9650

Background



This preview shows how black text looks on a background with the XYZ color 53.9419, 64.0023, 55.9650.



This preview shows how white text looks on a background with the XYZ color 53.9419, 64.0023,

55.9650.

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
53.9419, 64.0023, 55.9650
Protanopia
60.1098, 63.5080, 52.8062
Deuteranopia
64.6640, 63.2803, 56.9503



Tritanopia

59.4246, 63.9506, 83.3404

Trichromacy



Original Color

53.9419, 64.0023, 55.9650

Protanomaly

57.8229, 63.7713, 54.0612

Deuteranomaly

60.0052, 63.0082, 56.5761

Tritanomaly

57.0431, 63.7160, 72.2427

Monochromacy



Original Color

53.9419, 64.0023, 55.9650

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.9045, 61.5025, 61.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9419, 64.0023, 55.9650 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(185, 218, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 218, 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(185, 218, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 218, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.9419, 64.0023, 55.9650 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(185, 218, 186) }
```


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

```
.border{ border-color:rgb(185, 218, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 218, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 218, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 218, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 218,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9419, 64.0023, 55.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 218, 186) }
```

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

```
.background{ background-color: rgb(185,  
218, 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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