

Converting Colors

XYZ(54.0872, 64.9371, 58.2307)

Have a look what the booklet for
XYZ(54.0872, 64.9371, 58.2307)
contains.

XYZ(53.9435, 64.7279, 58.3658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9435, 64.7279,
58.3658)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DCBE
RGB	181, 220, 190
RGB Percent	71%, 86%, 75%
CMY	0.2902, 0.1372, 0.2549
CMYK	0.18, 0.00, 0.14, 0.14
HSL	134°, 36%, 79%
HSV	134°, 18%, 86%
XYZ	53.9435, 64.7279, 58.3658
YIQ	204.9190, -13.6140, -17.5980

Conversions

Conversions Part 2

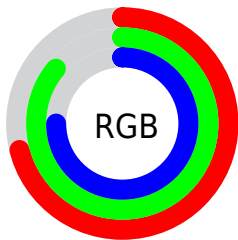
Format	Color
RYB	181, 213, 220
Decimal	11918526
CIELab	84.34, -18.54, 10.54
CIElCh	84, 21.329, 150.387
Yxy	64.7279, 0.3047, 0.3656
Android (android.graphics.Color)	4290108606 (0xFFB5DCBE)
YUV	204.9190, -7.3551, -20.9770
Hunter-Lab	80.4537, -21.1111, 13.3051

Details

The XYZ color **53.9435, 64.7279, 58.3658** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.7992, 52.9680, 68.8084**, and the grayscale version is **58.0298, 61.0518, 66.4855**.

A 20% lighter version of the original color is **87.3196, 96.1783, 101.1508**, and **26.8726, 33.3056, 28.6792** is the 20% darker color. If you saturate the color by 10%, you get **47.4431, 61.5801, 48.9604**, and if you desaturate by 10%, it is **61.4769, 68.3870, 68.9435**.

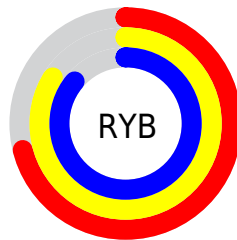
Distribution



Red (71%)

Green (86%)

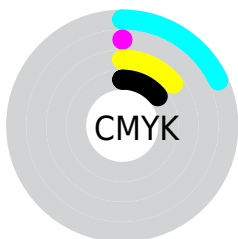
Blue (75%)



Red (71%)

Yellow (84%)

Blue (86%)

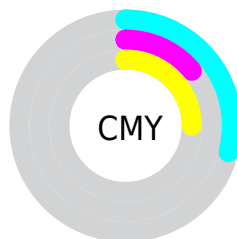


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (29%)


Magenta (14%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9435, 64.7279, 58.3658 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 53.9435, 64.7279, 58.3658 by changing the saturation by 10% instead.


 53.9435, 64.7279,
58.3658

 53.9435, 64.7279,
58.3658


392.0964,
441.8135, 436.1839

 38.7870, 47.2405,
41.6862

 95.1487, 111.6586,
103.9754

 26.7740, 33.2258,
28.5319


121.9280,
141.8706, 133.7424

 17.5393, 22.2995,
18.4845


153.3124,
177.0930, 168.7090

 10.7174, 14.0771,
11.1253

189.6671,
217.7101, 209.2936

 5.9430, 8.1743,
6.0360

231.3574,
264.1063, 255.9149

 2.8508, 4.2067,
2.7978

278.7489,

 1.0754, 1.7898,

316.6660, 308.9913

0.9923

332.2068,
375.7736, 368.9415

0.0044, 0.4808,
0.0000

0.0000, 0.0000,
0.0000

53.9435, 64.7279,
58.3658

53.9435, 64.7279,
58.3658

47.4431, 61.5801,
48.9604

61.4769, 68.3870,
68.9435

41.9249, 58.9129,
40.6828

70.0806, 72.5705,
80.7275

37.3418, 56.7046,
33.4916

79.7964, 77.3009,
93.7560

33.6405, 54.9288,
27.3416

84.8845, 79.6690,
105.5115

■ 30.7625, 53.5563,
22.1842

■ 28.6416, 52.5541,
17.9671

■ 27.2010, 51.8838,
14.6328

■ 26.3374, 51.4933,
12.1170

■ 26.1869, 51.4259,
11.6513

Harmonies

Analogous

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



57.0319, 64.7279, 50.2984



53.9435, 64.7279, 58.3658



52.8619, 64.7279, 70.6537

Triad

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



53.9435, 64.7279, 58.3658



61.5834, 64.7279, 99.8892



69.7121, 64.7279, 58.0975

Complementary

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



53.9435, 64.7279, 58.3658



57.7992, 52.9680, 68.8084

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.



71.0796, 64.7279, 70.3019



53.9435, 64.7279, 58.3658



66.2417, 64.7279, 95.4396

Square

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



53.9435, 64.7279, 58.3658



57.1331, 64.7279, 95.6551



69.7788, 64.7279, 84.1590



66.1300, 64.7279, 50.1581

Rectangle

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



53.9435, 64.7279, 58.3658



53.3786, 64.7279, 79.9536



69.7788, 64.7279, 84.1590



70.4540, 64.7279, 61.7817

Sweetspot

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



53.9453, 64.7306, 58.3672



88.9746, 97.0458, 100.5824



60.9581, 68.4561, 53.7172



18.8681, 20.6862, 21.2860



0.0000, 0.0000, 0.0000



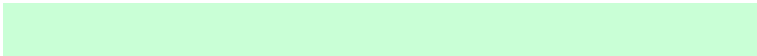
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9453, 64.7306, 58.3672



72.0815, 88.8452, 76.8391



56.1537, 65.6140, 69.9968



13.0090, 14.6552, 14.5104



15.4036, 30.1941, 7.0249



1.0312, 1.9694, 0.6301

Inverse Universe

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



57.7992, 52.9680, 68.8084



78.3555, 69.6929, 93.8337



55.5610, 52.0727, 57.0222



13.4791, 13.2208, 15.7844



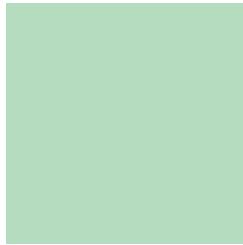
21.5825, 10.6341, 23.2455



1.4302, 0.7017, 1.6743

Previews

White Background



This preview shows how the XYZ color 53.9435, 64.7279, 58.3658 looks on a white background.

Color Contrast Check

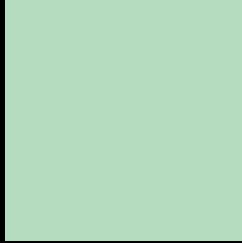
Large Text (above 18pt) WCAG AA × Fail

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 53.9435, 64.7279, 58.3658 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

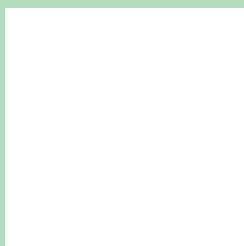
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9435, 64.7279, 58.3658

Background



This preview shows how black text looks on a background with the XYZ color 53.9435, 64.7279, 58.3658.



This preview shows how white text looks on a background with the XYZ color 53.9435, 64.7279,

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
53.9435, 64.7279, 58.3658
Protanopia
60.9674, 64.2773, 54.5408
Deuteranopia
65.6856, 64.4398, 60.0151



Tritanopia

59.2094, 64.5540, 84.9408

Trichromacy



Original Color

53.9435, 64.7279, 58.3658

Protanomaly

58.1108, 64.2555, 55.7942

Deuteranomaly

60.7450, 64.0501, 59.6134

Tritanomaly

56.9581, 64.3839, 74.3911

Monochromacy



Original Color

53.9435, 64.7279, 58.3658

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.2369, 61.9991, 63.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9435, 64.7279, 58.3658 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(181, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 190)  
}
```

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(181, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.9435, 64.7279, 58.3658 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(181, 220, 190) }
```


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

```
.border{ border-color:rgb(181, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 220,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9435, 64.7279, 58.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 190) }
```

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

```
.background{ background-color: rgb(181,  
220, 190) }
```

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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