

Converting Colors

XYZ(58.9036, 68.3695, 74.3803)

Have a look what the booklet for
XYZ(58.9036, 68.3695, 74.3803)
contains.

XYZ(58.9290, 68.5319, 74.4121)	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(58.9290, 68.5319,
74.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E0D7
RGB	185, 224, 215
RGB Percent	73%, 88%, 84%
CMY	0.2745, 0.1216, 0.1569
CMYK	0.17, 0.00, 0.04, 0.12
HSL	166°, 39%, 80%
HSV	166°, 17%, 88%
XYZ	58.9290, 68.5319, 74.4121
YIQ	211.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

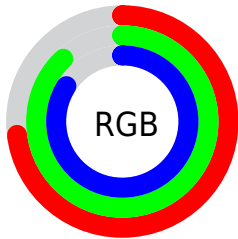
Format	Color
RYB	185, 207, 224
Decimal	12181719
CIELab	86.27, -14.48, 0.16
CIELCh	86, 14.477, 179.353
Yxy	68.5319, 0.2919, 0.3395
Android (android.graphics.Color)	4290371799 (0xFFB9E0D7)
YUV	211.3130, 1.8177, -23.0765
Hunter-Lab	82.7840, -17.8085, 4.6548

Details

The XYZ color **58.9290, 68.5319, 74.4121** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8295, 54.4421, 58.5024**, and the grayscale version is **62.1234, 65.3586, 71.1755**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.8932, 35.7393, 38.5805** is the 20% darker color. If you saturate the color by 10%, you get **53.2915, 65.7031, 70.7356**, and if you desaturate by 10%, it is **65.4428, 71.8137, 78.2421**.

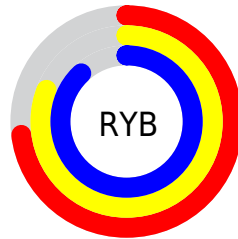
Distribution



Red (73%)

Green (88%)

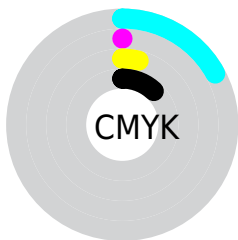
Blue (84%)



Red (73%)

Yellow (81%)

Blue (88%)

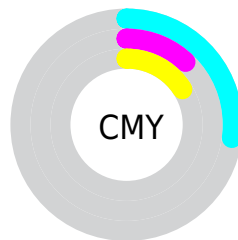


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9290, 68.5319, 74.4121 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 58.9290, 68.5319, 74.4121 by changing the saturation by 10% instead.

■ 58.9290, 68.5319,
74.4121

■ 58.9290, 68.5319,
74.4121

410.5370,
455.3783, 495.0958

■ 42.8021, 50.3306,
54.6326

■ 102.3897,
117.1127, 127.2192

■ 29.9237, 35.6761,
38.7110

130.4542,
148.2611, 161.0839

■ 19.9285, 24.1842,
26.2289

163.2286,
184.4938, 200.4808

■ 12.4510, 15.4703,
16.7676

201.0783,
226.1954, 245.8283

■ 7.1260, 9.1501,
9.9088

244.3687,
273.7503, 297.5450

■ 3.5881, 4.8392,
5.2337

293.4650,

■ 1.4718, 2.1532,

327.5428, 356.0495

2.3239

348.7327,
387.9573, 421.7602

■ 0.3066, 0.6943,
0.7446

■ 0.0000, 0.0000,
0.0000

■ 58.9290, 68.5319,
74.4121

■ 58.9290, 68.5319,
74.4121

■ 53.2915, 65.7031,
70.7356

■ 65.4428, 71.8137,
78.2421

■ 48.4845, 63.2981,
67.2052


■ 72.8643, 75.5592,
82.2238


■ 44.4668, 61.2977,
63.8193


■ 81.2307, 79.7894,
86.3614


■ 41.1914, 59.6776,
60.5747


■ 82.9914, 80.6116,
90.3023


 38.6059, 58.4108,
57.4681


 83.7525, 80.9160,
94.3099


 36.6514, 57.4670,
54.4954


 84.5355, 81.2292,
98.4330

 35.2584, 56.8104,
51.6525

 85.3405, 81.5513,
102.6725

 34.3340, 56.3930,
48.9339

 85.9469, 81.7938,
105.8656

 34.1319, 56.3038,
48.2484

Harmonies

Analogous

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



59.7711, 68.5319, 65.6375



58.9290, 68.5319, 74.4121



59.7026, 68.5319, 83.9959

Triad

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



58.9290, 68.5319, 74.4121



68.3341, 68.5319, 91.8126



68.4638, 68.5319, 59.8985

Complementary

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



58.9290, 68.5319, 74.4121



57.8295, 54.4421, 58.5024

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.



70.8926, 68.5319, 65.9683



58.9290, 68.5319, 74.4121



70.8159, 68.5319, 84.3858

Square

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



58.9290, 68.5319, 74.4121



65.0650, 68.5319, 94.5472



71.7675, 68.5319, 74.8275



65.2101, 68.5319, 57.7094

Rectangle

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



58.9290, 68.5319, 74.4121



61.0460, 68.5319, 89.4508



71.7675, 68.5319, 74.8275



69.4078, 68.5319, 61.5256

Sweetspot

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



58.9309, 68.5347, 74.4136



90.0435, 97.4734, 106.2112



57.6886, 68.2996, 56.0427



19.1278, 20.7901, 22.6536



0.0000, 0.0000, 0.0000



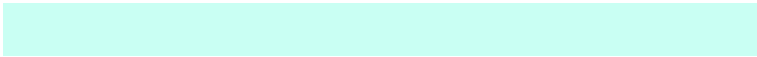
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9309, 68.5347, 74.4136



76.0917, 90.4492, 97.9565



57.4097, 63.5895, 79.7725



13.9741, 15.5154, 16.8990



19.9124, 32.7898, 28.3252



1.4136, 2.2862, 2.1390

Inverse Universe

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



57.8295, 54.4421, 58.5024



74.3452, 68.0888, 72.7159



59.1046, 58.5619, 54.0885



13.8362, 13.7521, 14.9076



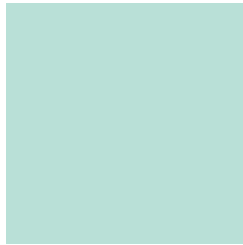
18.2867, 9.3817, 2.9098



1.3017, 0.6640, 0.3818

Previews

White Background



This preview shows how the XYZ color 58.9290, 68.5319, 74.4121 looks on a white background.

Color Contrast Check

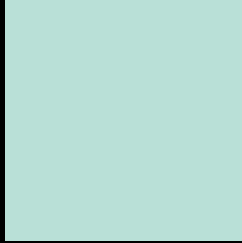
Large Text (above 18pt) WCAG AA × Fail

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 58.9290, 68.5319, 74.4121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

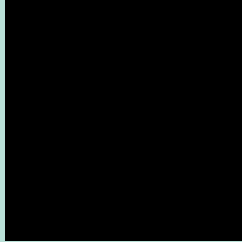
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

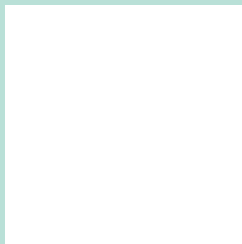
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9290, 68.5319, 74.4121

Background



This preview shows how black text looks on a background with the XYZ color 58.9290, 68.5319, 74.4121.



This preview shows how white text looks on a background with the XYZ color 58.9290, 68.5319,

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

58.9290, 68.5319, 74.4121

Protanopia

65.1946, 67.9619, 70.6546

Deuteranopia

69.7163, 68.3251, 75.8433



Tritanopia

62.2753, 68.7048, 90.8680

Trichromacy



Original Color

58.9290, 68.5319, 74.4121

Protanomaly

62.6872, 68.1617, 72.1399

Deuteranomaly

65.1862, 67.8546, 75.3072

Tritanomaly

61.1432, 68.6471, 84.8905

Monochromacy



Original Color

58.9290, 68.5319, 74.4121

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7967, 66.4218, 71.9037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9290, 68.5319, 74.4121 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, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 215)  
}
```

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, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.9290, 68.5319, 74.4121 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, 224, 215) }
```


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

```
.border{ border-color:rgb(185, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9290, 68.5319, 74.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 215) }
```

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

```
.background{ background-color: rgb(185,  
224, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor