

Converting Colors

XYZ(53.5241, 65.2983, 65.1308)

Have a look what the booklet for
XYZ(53.5241, 65.2983, 65.1308)
contains.

XYZ(53.4585, 65.1175, 65.0097)	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(53.4585, 65.1175,
65.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDEC9
RGB	171, 222, 201
RGB Percent	67%, 87%, 79%
CMY	0.3294, 0.1294, 0.2118
CMYK	0.23, 0.00, 0.09, 0.13
HSL	155°, 44%, 77%
HSV	155°, 23%, 87%
XYZ	53.4585, 65.1175, 65.0097
YIQ	204.3570, -23.6550, -17.3430

Conversions

Conversions Part 2

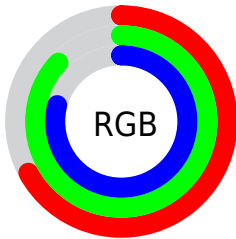
Format	Color
RYB	171, 203, 222
Decimal	11263689
CIELab	84.54, -20.65, 4.94
CIELCh	85, 21.236, 166.544
Yxy	65.1175, 0.2912, 0.3547
Android (android.graphics.Color)	4289453769 (0xFFABDEC9)
YUV	204.3570, -1.6550, -29.2541
Hunter-Lab	80.6954, -22.9656, 8.7217

Details

The XYZ color **53.4585, 65.1175, 65.0097** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2039, 48.4629, 56.3695**, and the grayscale version is **57.6427, 60.6446, 66.0419**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.5564, 33.5956, 32.6887** is the 20% darker color. If you saturate the color by 10%, you get **47.9796, 62.4154, 59.3062**, and if you desaturate by 10%, it is **59.8172, 68.2693, 71.0913**.

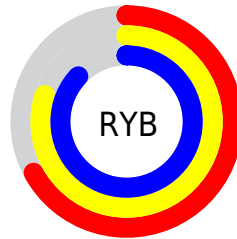
Distribution



Red (67%)

Green (87%)

Blue (79%)



Red (67%)

Yellow (80%)

Blue (87%)

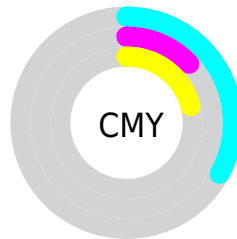


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4585, 65.1175, 65.0097 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 53.4585, 65.1175, 65.0097 by changing the saturation by 10% instead.

■ 53.4585, 65.1175,
65.0097

■ 53.4585, 65.1175,
65.0097

390.2739,
443.2141, 461.1340

■ 38.3979, 47.5564,
47.0175

■ 94.4403, 112.2188,
113.6772

■ 26.4702, 33.4757,
32.6951

121.0921,
142.5277, 145.1897

■ 17.3103, 22.4911,
21.6238

152.3384,
177.8547, 182.0459

■ 10.5526, 14.2182,
13.3850

188.5445,
218.5841, 224.6646

■ 5.8319, 8.2726,
7.5604

230.0757,
265.1003, 273.4642

■ 2.7828, 4.2699,
3.7312

277.2974,

■ 1.0400, 1.8256,

317.7878, 328.8633

1.4791

330.5750,
377.0309, 391.2804

■ 0.0000, 0.5031,
0.2023

■ 0.0000, 0.0000,
0.0000

■ 53.4585, 65.1175,
65.0097

■ 53.4585, 65.1175,
65.0097

■ 47.9796, 62.4154,
59.3062

■ 59.8172, 68.2693,
71.0913

■ 43.3334, 60.1335,
53.9687

■ 67.0892, 71.8826,
77.5541

■ 39.4766, 58.2515,
48.9906

■ 75.3125, 75.9787,
84.4068

■ 36.3596, 56.7438,
44.3636

■ 82.7320, 79.6527,
91.5724

■ 33.9268, 55.5819,
40.0788

■ 84.1066, 80.2026,
98.8110

■ 32.1143, 54.7331,
36.1268

■ 85.4125, 80.7249,
105.6875

■ 30.8452, 54.1579,
32.4972

■ 30.1910, 53.8723,
30.1320

Harmonies

Analogous

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



55.5197, 65.1175, 54.4474



53.4585, 65.1175, 65.0097



53.5737, 65.1175, 78.5837

Triad

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



53.4585, 65.1175, 65.0097



64.5194, 65.1175, 98.9286



68.3634, 65.1175, 53.6189

Complementary

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



53.4585, 65.1175, 65.0097



54.2039, 48.4629, 56.3695

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.



71.0301, 65.1175, 63.7377



53.4585, 65.1175, 65.0097



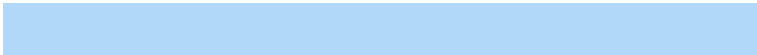
68.7346, 65.1175, 90.3765

Square

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



53.4585, 65.1175, 65.0097



59.7991, 65.1175, 99.3832



71.1694, 65.1175, 77.1398



64.0336, 65.1175, 48.4592

Rectangle

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



53.4585, 65.1175, 65.0097



54.8665, 65.1175, 87.5769



71.1694, 65.1175, 77.1398



69.4935, 65.1175, 56.4904

Sweetspot

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



53.4603, 65.1202, 65.0112



87.6241, 96.3059, 102.4926



55.2757, 66.4248, 48.4371



18.6245, 20.5485, 21.8220



0.0000, 0.0000, 0.0000



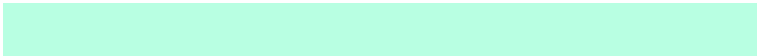
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4603, 65.1202, 65.0112



69.1037, 87.1299, 84.8378



54.9882, 63.9478, 78.5553



13.8653, 15.4719, 16.3259



17.9886, 32.0203, 18.1947



1.2911, 2.2371, 1.4939

Inverse Universe

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



54.2039, 48.4629, 56.3695



70.3081, 60.1793, 70.8626



52.8556, 49.2289, 45.2455



13.9401, 13.7937, 15.4547



19.0778, 9.6981, 7.0756



1.3661, 0.6897, 0.7207

Previews

White Background



This preview shows how the XYZ color 53.4585, 65.1175, 65.0097 looks on a white background.

Color Contrast Check

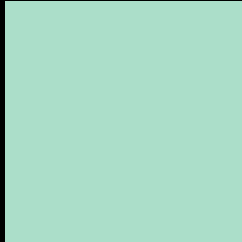
Large Text (above 18pt) WCAG AA × Fail

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 53.4585, 65.1175, 65.0097 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

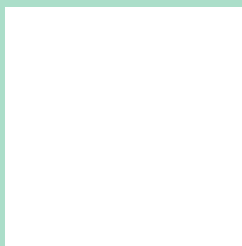
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4585, 65.1175, 65.0097

Background



This preview shows how black text looks on a background with the XYZ color 53.4585, 65.1175, 65.0097.



This preview shows how white text looks on a background with the XYZ color 53.4585, 65.1175,

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

53.4585, 65.1175, 65.0097

Protanopia

61.6976, 64.8937, 60.3128

Deuteranopia

65.9797, 64.4433, 66.7189



Tritanopia

57.7956, 64.9133, 87.3253

Trichromacy



Original Color

53.4585, 65.1175, 65.0097

Protanomaly

58.2120, 64.5419, 62.2130

Deuteranomaly

60.5240, 64.1545, 66.3198

Tritanomaly

56.1955, 65.0509, 78.7015

Monochromacy



Original Color

53.4585, 65.1175, 65.0097

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.8120, 62.1068, 65.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4585, 65.1175, 65.0097 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(171, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 201)  
}
```

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(171, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.4585, 65.1175, 65.0097 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(171, 222, 201) }
```


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

```
.border{ border-color:rgb(171, 222, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(171, 222,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4585, 65.1175, 65.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 201) }
```

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

```
.background{ background-color: rgb(171,  
222, 201) }
```

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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