

Converting Colors

XYZ(43.5378, 59.5707, 54.9593)

Have a look what the booklet for
XYZ(43.5378, 59.5707, 54.9593)
contains.

XYZ(43.4034, 59.3563, 55.0683)	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(43.4034, 59.3563,
55.0683)**

Conversions

Conversions Part 1

Format	Color
Hex	81DCB9
RGB	129, 220, 185
RGB Percent	51%, 86%, 73%
CMY	0.4941, 0.1372, 0.2745
CMYK	0.41, 0.00, 0.16, 0.14
HSL	157°, 57%, 68%
HSV	157°, 41%, 86%
XYZ	43.4034, 59.3563, 55.0683
YIQ	188.8010, -43.0010, -30.1770

Conversions

Conversions Part 2

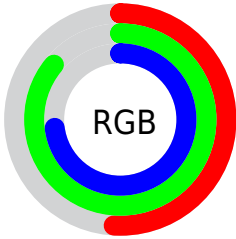
Format	Color
RYB	129, 185, 220
Decimal	8510649
CIELab	81.49, -35.17, 8.73
CIELCh	81, 36.238, 166.053
Yxy	59.3563, 0.2750, 0.3761
Android (android.graphics.Color)	4286700729 (0xFF81DCB9)
YUV	188.8010, -1.8739, -52.4455
Hunter-Lab	77.0430, -34.2646, 11.5512

Details

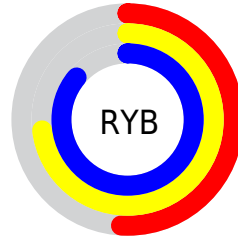
The XYZ color **43.4034, 59.3563, 55.0683** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **44.0683, 33.5979, 39.2865**, and the grayscale version is **48.2853, 50.7999, 55.3211**.

A 20% lighter version of the original color is **71.6448, 88.1852, 96.4644**, and **20.1880, 29.6333, 26.4856** is the 20% darker color. If you saturate the color by 10%, you get **39.5479, 57.4705, 50.3634**, and if you desaturate by 10%, it is **48.0348, 61.6391, 60.0897**.

Distribution



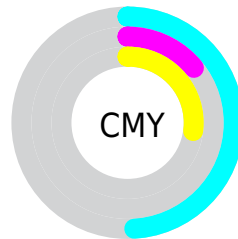
- Red (51%)
- Green (86%)
- Blue (73%)



- Red (51%)
- Yellow (73%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)





- Cyan (49%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4034, 59.3563, 55.0683 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 43.4034, 59.3563, 55.0683 by changing the saturation by 10% instead.


 43.4034, 59.3563,
55.0683


 43.4034, 59.3563,
55.0683


351.1616,
422.2210, 423.4600


 30.3976, 42.9000,
39.0574


 79.5712, 103.8953,
99.1132

 20.2902, 29.8067,
26.4962


 103.4639,
132.7469, 127.9843

 12.7156, 19.6919,
16.9662

 131.7164,
166.4989, 161.9792

 7.3087, 12.1713,
10.0487

164.6939,
205.5359, 201.5165

 3.7039, 6.8604,
5.3252

202.7618,
250.2422, 247.0146

 1.5360, 3.3750,
2.3773

246.2855,

 0.3502, 1.3305,

301.0022, 298.8923

0.7740

295.6303,
358.2004, 357.5679

■ 0.0000, 0.1646,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4034, 59.3563,
55.0683

■ 43.4034, 59.3563,
55.0683

■ 39.5479, 57.4705,
50.3634

■ 48.0348, 61.6391,
60.0897

■ 36.4158, 55.9499,
45.9639


■ 53.4805, 64.3339,
65.4301


■ 33.9558, 54.7700,
41.8637


■ 59.7822, 67.4636,
71.0975


■ 32.1071, 53.8993,
38.0550


■ 66.9772, 71.0474,
77.0979


 30.7974, 53.3008,
34.5291

 75.1006, 75.1033,
83.4373

 29.9945, 52.9486,
31.7027

 81.9418, 78.4915,
90.0166

 83.1993, 78.9946,
96.6386

 84.5159, 79.5212,
103.5715

 84.8843, 79.6685,
105.5114

Harmonies

Analogous

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



46.5466, 59.3563, 39.7432



43.4034, 59.3563, 55.0683



43.5201, 59.3563, 76.8909

Triad

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



43.4034, 59.3563, 55.0683



60.5495, 59.3563, 113.6981



67.1641, 59.3563, 38.9627

Complementary

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



43.4034, 59.3563, 55.0683



44.0683, 33.5979, 39.2865

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.



71.6376, 59.3563, 53.7452



43.4034, 59.3563, 55.0683



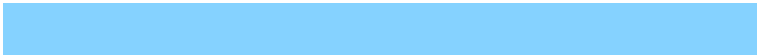
67.5911, 59.3563, 98.1957

Square

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



43.4034, 59.3563, 55.0683



52.9711, 59.3563, 114.2786



71.8006, 59.3563, 75.2366



60.0079, 59.3563, 31.9566

Rectangle

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



43.4034, 59.3563, 55.0683



45.4197, 59.3563, 92.4840



71.8006, 59.3563, 75.2366



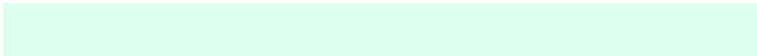
69.0585, 59.3563, 43.0170

Sweetspot

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



43.4050, 59.3587, 55.0697



82.8371, 93.9163, 98.7381



45.1579, 60.8162, 30.1283



17.4699, 19.9723, 20.9061



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.



43.4050, 59.3587, 55.0697



55.7227, 80.5248, 70.9726



45.2428, 56.3756, 76.2100



13.2216, 14.7403, 15.6298



17.6587, 31.0961, 18.9000



1.1856, 2.0312, 1.4436

Inverse Universe

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



44.0683, 33.5979, 39.2865



56.7842, 39.7243, 46.0300



42.5822, 35.0077, 25.2825



13.2623, 13.1340, 14.6424



18.3262, 9.3315, 6.0977



1.2286, 0.6211, 0.6127

Previews

White Background



This preview shows how the XYZ color 43.4034, 59.3563, 55.0683 looks on a white background.

Color Contrast Check

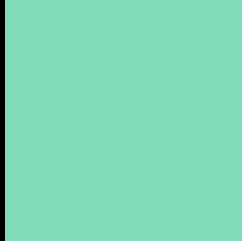
Large Text (above 18pt) WCAG AA × Fail

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 43.4034, 59.3563, 55.0683 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

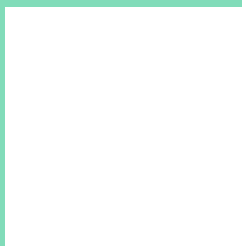
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4034, 59.3563, 55.0683

Background



This preview shows how black text looks on a background with the XYZ color 43.4034, 59.3563, 55.0683.

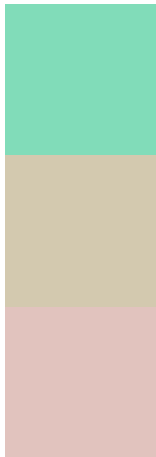


This preview shows how white text looks on a background with the XYZ color 43.4034, 59.3563,

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

43.4034, 59.3563, 55.0683

Protanopia

55.4885, 58.7173, 48.9665

Deuteranopia

59.8607, 58.7555, 56.9011



Tritanopia

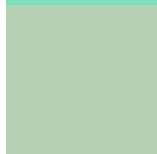
49.2856, 59.4381, 84.4764

Trichromacy



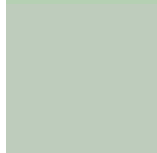
Original Color

43.4034, 59.3563, 55.0683



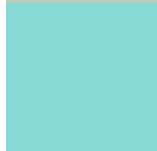
Protanomaly

49.7486, 58.1902, 51.2576



Deuteranomaly

51.9052, 57.7637, 55.9908



Tritanomaly

46.8468, 59.2010, 72.5762

Monochromacy



Original Color

43.4034, 59.3563, 55.0683



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.6677, 53.1549, 55.4299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4034, 59.3563, 55.0683 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(129, 220, 185)` looks like.

```
.text, #text, p{  
    color:rgb(129, 220, 185)  
}
```

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(129, 220, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 220, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.4034, 59.3563, 55.0683 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(129, 220, 185) }
```


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

```
.border{ border-color:rgb(129, 220, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 220, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 220, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 220, 185);  
box-shadow:4px 4px 4px 4px rgb(129, 220,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4034, 59.3563, 55.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 220, 185) }
```

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

```
.background{ background-color: rgb(129,  
220, 185) }
```

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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