

Converting Colors

XYZ(55.9674, 65.3547, 84.9012)

Have a look what the booklet for
XYZ(55.9674, 65.3547, 84.9012)
contains.

XYZ(55.9534, 65.1714, 85.2316)	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(55.9534, 65.1714,
85.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DCE7
RGB	167, 220, 231
RGB Percent	65%, 86%, 91%
CMY	0.3451, 0.1372, 0.0941
CMYK	0.28, 0.05, 0.00, 0.09
HSL	190°, 57%, 78%
HSV	190°, 28%, 91%
XYZ	55.9534, 65.1714, 85.2316
YIQ	205.4070, -35.1190, -7.8150

Conversions

Conversions Part 2

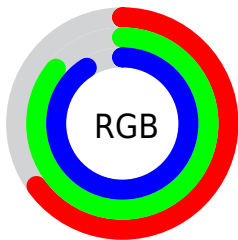
Format	Color
RYB	167, 196, 231
Decimal	11001063
CIELab	84.57, -14.45, -10.92
CIELCh	85, 18.113, 217.084
Yxy	65.1714, 0.2711, 0.3158
Android (android.graphics.Color)	4289191143 (0xFFA7DCE7)
YUV	205.4070, 12.6173, -33.6829
Hunter-Lab	80.7288, -17.5565, -6.0868

Details

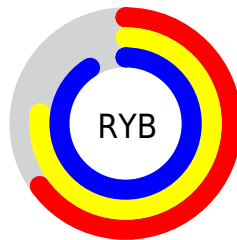
The XYZ color **55.9534, 65.1714, 85.2316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.8514, 51.6204, 43.5809**, and the grayscale version is **58.2272, 61.2595, 66.7116**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **28.0030, 33.5161, 45.5508** is the 20% darker color. If you saturate the color by 10%, you get **50.4734, 60.8197, 84.6815**, and if you desaturate by 10%, it is **62.3336, 70.0272, 85.8337**.

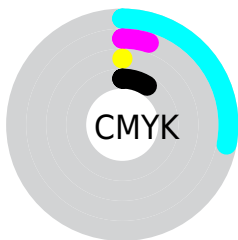
Distribution



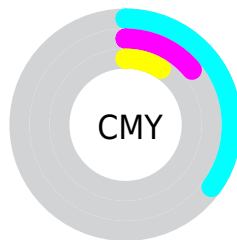
- Red (65%)
- Green (86%)
- Blue (91%)



- Red (65%)
- Yellow (77%)
- Blue (91%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9534, 65.1714, 85.2316 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 55.9534, 65.1714, 85.2316 by changing the saturation by 10% instead.

■ 55.9534, 65.1714,
85.2316

■ 55.9534, 65.1714,
85.2316

■ 399.5937,
443.4076, 532.5587

■ 40.4024, 47.6001,
63.4815

■ 98.0766, 112.2962,
142.5737

■ 28.0380, 33.5103,
45.7874

■ 125.3796,
142.6185, 179.0029

■ 18.4949, 22.5176,
31.7306

■ 157.3306,
177.9600, 221.1621

■ 11.4077, 14.2378,
20.8927

■ 194.2950,
218.7049, 269.4700

■ 6.4111, 8.2862,
12.8551

■ 236.6382,
265.2377, 324.3450

■ 3.1396, 4.2786,
7.1993

■ 284.7255,

■ 1.2280, 1.8306,

317.9429, 386.2058

3.5067

338.9222,
377.2047, 455.4708

■ 0.1283, 0.5061,
1.3588

■ 0.0000, 0.0000,
0.1093

■ 55.9534, 65.1714,
85.2316

■ 55.9534, 65.1714,
85.2316

■ 50.4734, 60.8197,
84.6815

■ 62.3336, 70.0272,
85.8337

■ 45.8414, 56.9399,
84.1768

■ 69.6514, 75.4017,
86.4854

■ 42.0082, 53.5082,
83.7165

■ 77.9491, 81.3186,
87.1901

■ 38.9175, 50.4952,
83.2978

■ 85.6255, 86.9527,
87.8730

■ 36.5053, 47.8677,
82.9178

■ 86.7804, 89.2625,
88.2580

■ 34.6961, 45.5865,
82.5728

■ 87.9609, 91.6234,
88.6515

■ 33.3878, 43.5987,
82.2581

■ 89.1671, 94.0357,
89.0535

■ 33.1217, 43.1650,
82.1884

■ 90.3991, 96.4998,
89.4642

■ 91.4240, 98.5496,
89.8058

Harmonies

Analogous

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



54.5532, 65.1714, 73.7384



55.9534, 65.1714, 85.2316



58.9690, 65.1714, 93.4767

Triad

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



55.9534, 65.1714, 85.2316



69.3740, 65.1714, 79.9763



60.9908, 65.1714, 51.1016

Complementary

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



55.9534, 65.1714, 85.2316



55.8514, 51.6204, 43.5809

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.



65.0163, 65.1714, 52.3858



55.9534, 65.1714, 85.2316



69.9727, 65.1714, 68.2534

Square

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



55.9534, 65.1714, 85.2316



66.7443, 65.1714, 90.2198



68.3465, 65.1714, 58.3787



57.3785, 65.1714, 54.6580

Rectangle

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



55.9534, 65.1714, 85.2316



61.5493, 65.1714, 95.5665



68.3465, 65.1714, 58.3787



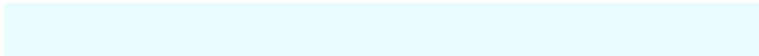
62.3393, 65.1714, 50.9884

Sweetspot

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



55.9553, 65.1740, 85.2331



86.8309, 94.1179, 108.1978



52.5161, 68.5696, 52.4132



18.2736, 19.9189, 23.1316



0.0000, 0.0000, 0.0000



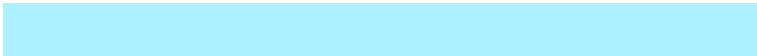
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9553, 65.1740, 85.2331



66.1312, 78.4996, 106.2742



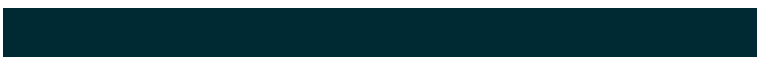
48.4162, 50.0956, 82.7200



14.5857, 15.8927, 18.4432



18.6489, 24.3600, 46.1022



1.4339, 1.9118, 3.4254

Inverse Universe

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



59.6936, 49.7953, 74.1783



71.5831, 56.6526, 90.0213



62.8957, 65.7091, 45.9290



14.8832, 14.5705, 17.5853



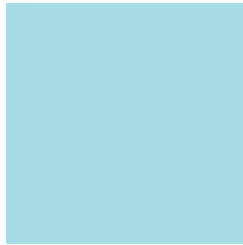
23.8066, 11.6569, 28.9404



1.7874, 0.8727, 2.2870

Previews

White Background



This preview shows how the XYZ color 55.9534, 65.1714, 85.2316 looks on a white background.

Color Contrast Check

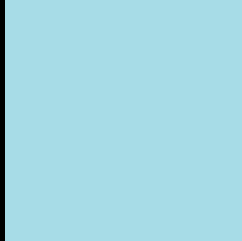
Large Text (above 18pt) WCAG AA × Fail

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 55.9534, 65.1714, 85.2316 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

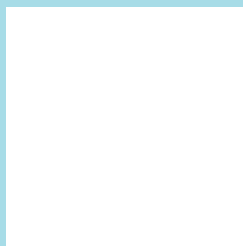
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9534, 65.1714, 85.2316

Background



This preview shows how black text looks on a background with the XYZ color 55.9534, 65.1714, 85.2316.

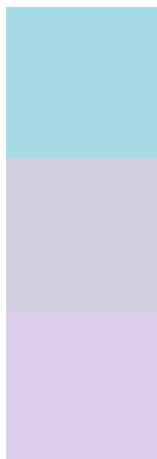


This preview shows how white text looks on a background with the XYZ color 55.9534, 65.1714,

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

55.9534, 65.1714, 85.2316

Protanopia

62.8334, 64.6844, 79.6947

Deuteranopia

66.1978, 64.8188, 86.8642



Tritanopia

56.7660, 65.1023, 89.6949

Trichromacy



Original Color

55.9534, 65.1714, 85.2316

Protanomaly

59.9075, 64.6039, 81.9854

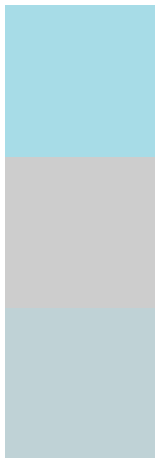
Deuteranomaly

61.8420, 64.3939, 86.2606

Tritanomaly

56.4754, 64.9860, 88.1643

Monochromacy



Original Color

55.9534, 65.1714, 85.2316

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.6700, 62.0246, 72.6034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9534, 65.1714, 85.2316 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(167, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(167, 220, 231)  
}
```

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(167, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 220, 231) }
```

Border

The CSS property to change the border of an element to XYZ 55.9534, 65.1714, 85.2316 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(167, 220, 231) }
```


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

```
.border{ border-color:rgb(167, 220, 231) }
```

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

Here you see how a box with a 4 pixel rgb(167, 220, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(167, 220,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9534, 65.1714, 85.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 220, 231) }
```

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

```
.background{ background-color: rgb(167,  
220, 231) }
```

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