

Converting Colors

XYZ(53.7920, 65.6095, 81.7820)

Have a look what the booklet for
XYZ(53.7920, 65.6095, 81.7820)
contains.

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Color

**XYZ(53.9007, 65.7709,
81.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE0E2
RGB	155, 224, 226
RGB Percent	61%, 88%, 89%
CMY	0.3921, 0.1216, 0.1137
CMYK	0.31, 0.01, 0.00, 0.11
HSL	182°, 55%, 75%
HSV	182°, 31%, 89%
XYZ	53.9007, 65.7709, 81.8057
YIQ	203.5970, -41.7660, -14.0060

Conversions

Conversions Part 2

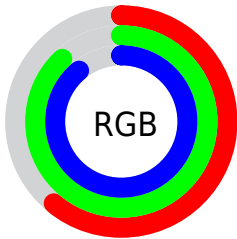
Format	Color
RYB	155, 190, 226
Decimal	10215650
CIELab	84.88, -20.96, -7.89
CIELCh	85, 22.398, 200.621
Yxy	65.7709, 0.2675, 0.3264
Android (android.graphics.Color)	4288405730 (0xFF9BE0E2)
YUV	203.5970, 11.0447, -42.6196
Hunter-Lab	81.0993, -23.2879, -3.0370

Details

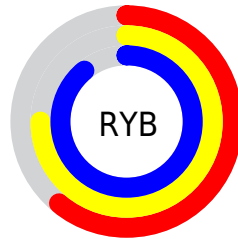
The XYZ color **53.9007, 65.7709, 81.8057** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.3382, 42.6498, 36.6435**, and the grayscale version is **57.0933, 60.0666, 65.4125**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.7942, 34.0255, 43.6835** is the 20% darker color. If you saturate the color by 10%, you get **49.7928, 63.4016, 81.5660**, and if you desaturate by 10%, it is **58.8249, 68.5652, 82.0866**.

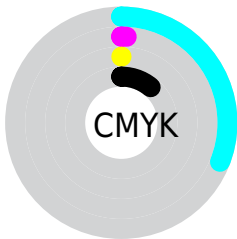
Distribution



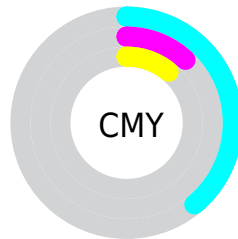
- Red (61%)
- Green (88%)
- Blue (89%)



- Red (61%)
- Yellow (75%)
- Blue (89%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)





- Cyan (39%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9007, 65.7709, 81.8057 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 53.9007, 65.7709, 81.8057 by changing the saturation by 10% instead.

 53.9007, 65.7709,
81.8057

 53.9007, 65.7709,
81.8057


391.9358,
445.5571, 520.8639

 38.7526, 48.0864,
60.6705


 95.0862, 113.1575,
137.7357

 26.7472, 33.8954,
43.5305


 121.8543,
143.6283, 173.3676

 17.5191, 22.8132,
29.9671


153.2265,
179.1302, 214.6689

 10.7028, 14.4556,
19.5618

189.5681,
220.0473, 262.0580

 5.9332, 8.4383,
11.8960

231.2445,
266.7642, 315.9535

 2.8448, 4.3766,
6.5512

278.6210,

 1.0722, 1.8864,

319.6652, 376.7740

3.1089

332.0629,
379.1347, 444.9379

0.0017, 0.5402,
1.1505

0.0000, 0.0000,
0.0000

53.9007, 65.7709,
81.8057

53.9007, 65.7709,
81.8057

49.7928, 63.4016,
81.5660

58.8249, 68.5652,
82.0866

46.4499, 61.4260,
81.3609

64.6013, 71.7981,
82.4062

43.8241, 59.8211,
81.1895

71.2709, 75.4925,
82.7678

41.8598, 58.5581,
81.0492

78.8703, 79.6671,
83.1730

■ 40.4930, 57.6041,
80.9371

■ 82.4869, 81.7895,
83.3920

■ 39.6471, 56.9195,
80.8496

■ 82.6613, 82.1383,
83.4502

■ 39.2275, 56.4906,
80.7889

■ 82.8363, 82.4884,
83.5085

■ 83.0120, 82.8398,
83.5671

■ 83.1884, 83.1925,
83.6259

Harmonies

Analogous

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



53.4582, 65.7709, 67.1986



53.9007, 65.7709, 81.8057



56.5824, 65.7709, 95.1981

Triad

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



53.9007, 65.7709, 81.8057



70.2817, 65.7709, 90.6395



64.1008, 65.7709, 47.6379

Complementary

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



53.9007, 65.7709, 81.8057



49.3382, 42.6498, 36.6435

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.



68.8448, 65.7709, 52.2860



53.9007, 65.7709, 81.8057



72.5371, 65.7709, 76.2173

Square

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



53.9007, 65.7709, 81.8057



65.9776, 65.7709, 100.7537



71.9976, 65.7709, 62.3048



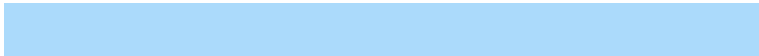
59.1724, 65.7709, 48.7148

Rectangle

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



53.9007, 65.7709, 81.8057



59.3623, 65.7709, 101.0115



71.9976, 65.7709, 62.3048



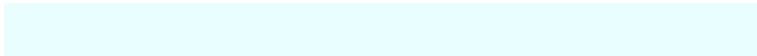
65.7738, 65.7709, 48.5563

Sweetspot

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



53.9026, 65.7735, 81.8072



86.8993, 95.4929, 108.4596



46.7315, 63.7690, 41.3810



18.3378, 20.2937, 23.2005



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.



53.9026, 65.7735, 81.8072



67.0668, 84.2923, 107.3430



45.5121, 48.9925, 79.0104



14.0818, 15.5027, 17.6378



22.3945, 32.2585, 46.0946



1.5628, 2.2571, 3.1985

Inverse Universe

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



56.5415, 44.9948, 76.2288



71.0981, 52.7935, 98.7662



56.0619, 56.0970, 38.8847



14.2775, 13.9286, 17.2315



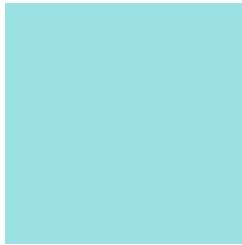
25.2439, 12.1646, 39.5457



1.7551, 0.8453, 2.7692

Previews

White Background



This preview shows how the XYZ color 53.9007, 65.7709, 81.8057 looks on a white background.

Color Contrast Check

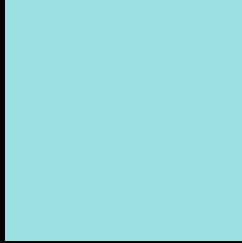
Large Text (above 18pt) WCAG AA × Fail

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 53.9007, 65.7709, 81.8057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

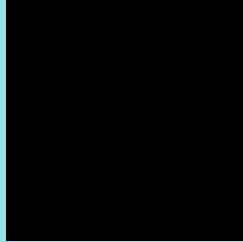
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9007, 65.7709, 81.8057

Background



This preview shows how black text looks on a background with the XYZ color 53.9007, 65.7709, 81.8057.



This preview shows how white text looks on a background with the XYZ color 53.9007, 65.7709,

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

53.9007, 65.7709, 81.8057

Protanopia

63.1421, 65.3013, 75.6061

Deuteranopia

66.5457, 65.0638, 83.9141



Tritanopia

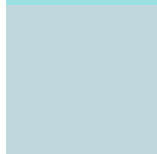
55.9500, 65.8029, 92.1904

Trichromacy



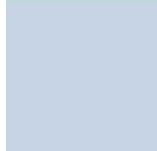
Original Color

53.9007, 65.7709, 81.8057



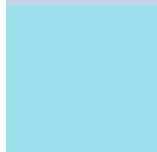
Protanomaly

59.0898, 65.0278, 77.8439



Deuteranomaly

60.9750, 64.7499, 83.4130



Tritanomaly

55.2877, 65.9416, 88.4113

Monochromacy



Original Color

53.9007, 65.7709, 81.8057



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.4276, 61.7811, 71.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9007, 65.7709, 81.8057 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(155, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(155, 224, 226)  
}
```

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(155, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.9007, 65.7709, 81.8057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

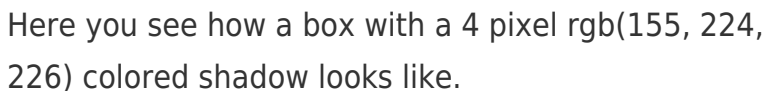
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 224, 226) }
```


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

```
.border{ border-color:rgb(155, 224, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 224, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 224, 226); box-shadow:4px 4px 4px 4px rgb(155, 224, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9007, 65.7709, 81.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 224, 226) }
```

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

```
.background{ background-color: rgb(155,  
224, 226) }
```

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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