

Converting Colors

XYZ(55.4964, 66.8153, 84.6260)

Have a look what the booklet for
XYZ(55.4964, 66.8153, 84.6260)
contains.

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Color

**XYZ(55.7053, 67.0372,
84.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E1E6
RGB	160, 225, 230
RGB Percent	63%, 88%, 90%
CMY	0.3725, 0.1176, 0.0980
CMYK	0.30, 0.02, 0.00, 0.10
HSL	184°, 58%, 76%
HSV	184°, 30%, 90%
XYZ	55.7053, 67.0372, 84.8664
YIQ	206.1350, -40.3450, -12.2250

Conversions

Conversions Part 2

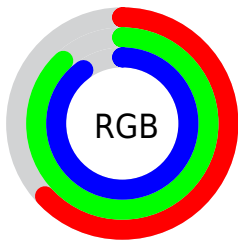
Format	Color
R_{YB}	160, 194, 230
Decimal	10543590
CIE _{Lab}	85.52, -19.17, -9.02
CIE _{LCh}	86, 21.184, 205.198
Yxy	67.0372, 0.2683, 0.3229
Android (android.graphics.Color)	4288733670 (0xFFA0E1E6)
YUV	206.1350, 11.7654, -40.4604
Hunter-Lab	81.8762, -21.8392, -4.1419

Details

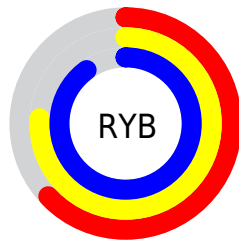
The XYZ color **55.7053, 67.0372, 84.8664** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4342, 46.2717, 39.4267**, and the grayscale version is **58.6998, 61.7567, 67.2531**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **28.0564, 34.9088, 45.8168** is the 20% darker color. If you saturate the color by 10%, you get **51.0847, 64.0010, 84.5250**, and if you desaturate by 10%, it is **61.1847, 70.5258, 85.2521**.

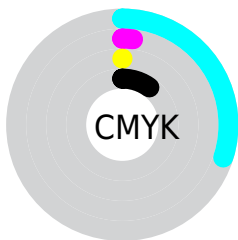
Distribution



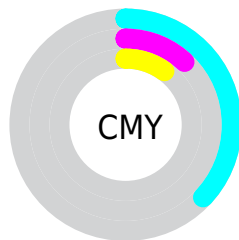
- Red (63%)
- Green (88%)
- Blue (90%)



- Red (63%)
- Yellow (76%)
- Blue (90%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7053, 67.0372, 84.8664 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 55.7053, 67.0372, 84.8664 by changing the saturation by 10% instead.

■ 55.7053, 67.0372,
84.8664

■ 55.7053, 67.0372,
84.8664

■ 398.6730,
450.0772, 531.3189

■ 40.2028, 49.1149,
63.1815

■ 97.7159, 114.9737,
142.0590

■ 27.8816, 34.7106,
45.5461

■ 124.9546,
145.7567, 178.4038

■ 18.3764, 23.4400,
31.5417

■ 156.8362,
181.5953, 220.4722

■ 11.3219, 14.9188,
20.7498

■ 193.7258,
222.8740, 268.6829

■ 6.3527, 8.7624,
12.7518

■ 235.9890,
269.9771, 323.4544

■ 3.1034, 4.5865,
7.1291

■ 283.9910,

■ 1.2087, 2.0068,

323.2891, 385.2052

3.4633

338.0972,
383.1943, 454.3539

■ 0.1132, 0.6114,
1.3358

■ 0.0000, 0.0000,
0.0909

■ 55.7053, 67.0372,
84.8664

■ 55.7053, 67.0372,
84.8664

■ 51.0847, 64.0010,
84.5250

■ 61.1847, 70.5258,
85.2521

■ 47.2700, 61.3849,
84.2211

■ 67.5604, 74.4811,
85.6795

■ 44.2115, 59.1651,
83.9538

■ 74.8747, 78.9266,
86.1521

■ 41.8519, 57.3117,
83.7205

■ 83.1656, 83.8820,
86.6716

■ 40.1253, 55.7910,
83.5179

■ 84.7227, 85.3725,
86.8772

■ 38.9533, 54.5624,
83.3426

■ 85.1903, 86.3076,
87.0331

■ 38.2240, 53.5949,
83.1943

■ 85.6622, 87.2515,
87.1904

■ 86.1385, 88.2040,
87.3491

■ 86.6191, 89.1653,
87.5093

Harmonies

Analogous

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



54.9335, 67.0372, 70.7961



55.7053, 67.0372, 84.8664



58.5801, 67.0372, 96.9873

Triad

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



55.7053, 67.0372, 84.8664



71.6212, 67.0372, 89.1863



64.4946, 67.0372, 49.6406

Complementary

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



55.7053, 67.0372, 84.8664



52.4342, 46.2717, 39.4267

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.



69.1455, 67.0372, 53.3219



55.7053, 67.0372, 84.8664



73.3898, 67.0372, 75.2331

Square

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



55.7053, 67.0372, 84.8664



67.7383, 67.0372, 99.6934



72.4619, 67.0372, 62.2806



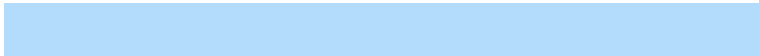
59.8578, 67.0372, 51.5427

Rectangle

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



55.7053, 67.0372, 84.8664



61.3819, 67.0372, 101.7289



72.4619, 67.0372, 62.2806



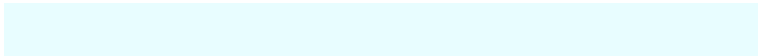
66.1103, 67.0372, 50.2512

Sweetspot

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



55.7073, 67.0399, 84.8679



86.5845, 94.8633, 108.3547



49.5565, 66.7729, 45.7163



18.2596, 20.1373, 23.1744



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.



55.7073, 67.0399, 84.8679



66.3262, 82.0582, 106.9508



47.2671, 50.1596, 82.0546



14.7148, 16.1509, 18.4862



21.6782, 30.4186, 47.1120



1.6285, 2.3009, 3.4903

Inverse Universe

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



58.7961, 47.4023, 77.2879



70.9081, 53.4213, 95.5962



59.5567, 60.5167, 41.8009



14.9484, 14.5965, 17.9285



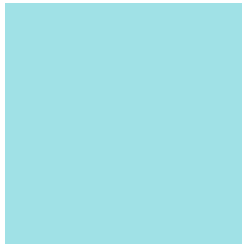
25.3357, 12.2685, 36.9923



1.8856, 0.9120, 2.8041

Previews

White Background



This preview shows how the XYZ color 55.7053, 67.0372, 84.8664 looks on a white background.

Color Contrast Check

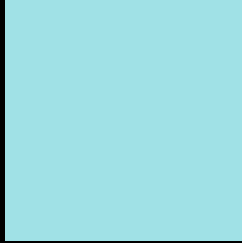
Large Text (above 18pt) WCAG AA × Fail

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 55.7053, 67.0372, 84.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

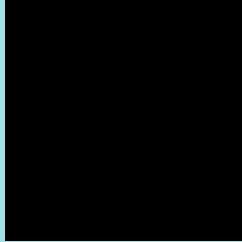
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7053, 67.0372, 84.8664

Background



This preview shows how black text looks on a background with the XYZ color 55.7053, 67.0372, 84.8664.



This preview shows how white text looks on a background with the XYZ color 55.7053, 67.0372,

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

55.7053, 67.0372, 84.8664

Protanopia

64.4599, 66.6570, 78.5759

Deuteranopia

67.9046, 66.4135, 87.0820



Tritanopia

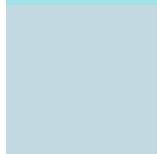
57.3691, 66.9128, 93.1109

Trichromacy



Original Color

55.7053, 67.0372, 84.8664



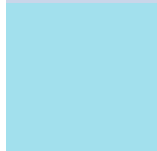
Protanomaly

60.6516, 66.5313, 80.8793



Deuteranomaly

62.8419, 66.3938, 86.5940



Tritanomaly

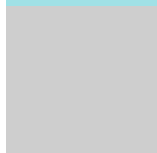
56.8420, 67.1071, 90.0778

Monochromacy



Original Color

55.7053, 67.0372, 84.8664



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

57.0463, 63.3136, 73.5041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7053, 67.0372, 84.8664 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(160, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 225, 230)  
}
```

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(160, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 225, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.7053, 67.0372, 84.8664 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(160, 225, 230) }
```


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

```
.border{ border-color:rgb(160, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(160, 225,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7053, 67.0372, 84.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 225, 230) }
```

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

```
.background{ background-color: rgb(160,  
225, 230) }
```

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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