

Converting Colors

XYZ(55.7688, 65.9140, 75.3106)

Have a look what the booklet for
XYZ(55.7688, 65.9140, 75.3106)
contains.

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Color

**XYZ(55.8792, 66.1365,
75.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDED9
RGB	173, 222, 217
RGB Percent	68%, 87%, 85%
CMY	0.3216, 0.1294, 0.1490
CMYK	0.22, 0.00, 0.02, 0.13
HSL	174°, 43%, 77%
HSV	174°, 22%, 87%
XYZ	55.8792, 66.1365, 75.4661
YIQ	206.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

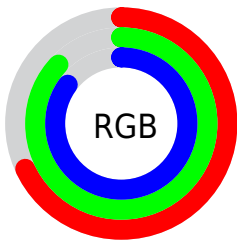
Format	Color
R _{YB}	173, 199, 222
Decimal	11394777
CIE _{Lab}	85.07, -16.76, -2.74
CIE _{LCh}	85, 16.987, 189.293
Yxy	66.1365, 0.2830, 0.3349
Android (android.graphics.Color)	4289584857 (0xFFADDED9)
YUV	206.7790, 5.0390, -29.6242
Hunter-Lab	81.3244, -19.6675, 1.9080

Details

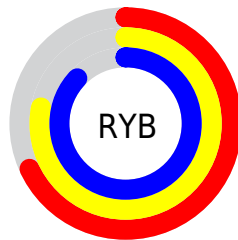
The XYZ color **55.8792, 66.1365, 75.4661** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1059, 48.6328, 48.7102**, and the grayscale version is **59.1488, 62.2291, 67.7675**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **27.9481, 34.1680, 39.3045** is the 20% darker color. If you saturate the color by 10%, you get **51.0799, 63.6979, 73.7143**, and if you desaturate by 10%, it is **61.5020, 69.0026, 77.2804**.

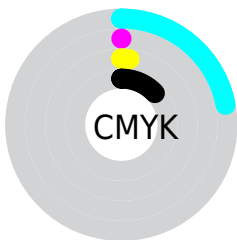
Distribution



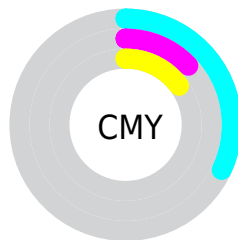
- Red (68%)
- Green (87%)
- Blue (85%)



- Red (68%)
- Yellow (78%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (32%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8792, 66.1365, 75.4661 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 55.8792, 66.1365, 75.4661 by changing the saturation by 10% instead.

■ 55.8792, 66.1365,
75.4661

■ 55.8792, 66.1365,
75.4661

399.3185,
446.8649, 498.8162

■ 40.3427, 48.3832,
55.4908

■ 97.9688, 113.6822,
128.7251

■ 27.9912, 34.1305,
39.3936

125.2525,
144.2435, 162.8459

■ 18.4595, 22.9938,
26.7558

157.1828,
179.8428, 202.5188

■ 11.3821, 14.5890,
17.1591

194.1249,
220.8646, 248.1626

■ 6.3936, 8.5314,
10.1848

236.4441,
267.6934, 300.1957

■ 3.1288, 4.4368,
5.4145

284.5059,

■ 1.2222, 1.9208,

320.7134, 359.0366

2.4295

338.6756,
380.3091, 425.1039

■ 0.1238, 0.5608,
0.8024

■ 0.0000, 0.0000,
0.0000

■ 55.8792, 66.1365,
75.4661

■ 55.8792, 66.1365,
75.4661

■ 51.0799, 63.6979,
73.7143

■ 61.5020, 69.0026,
77.2804

■ 47.0581, 61.6580,
72.0186

■ 67.9802, 72.3075,
79.1545

■ 43.7721, 59.9969,
70.3783

■ 75.3508, 76.0719,
81.0916

■ 41.1738, 58.6899,
68.7910

■ 81.0992, 78.9996,
82.9743

39.2094, 57.7092,
67.2543

81.4125, 79.1249,
84.6240

37.8173, 57.0230,
65.7650

81.7299, 79.2519,
86.2955

36.9231, 56.5931,
64.3196

82.0515, 79.3805,
87.9888

36.4707, 56.3842,
63.2005

82.3772, 79.5108,
89.7041

82.7071, 79.6427,
91.4413

Harmonies

Analogous

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



56.2299, 66.1365, 64.8183



55.8792, 66.1365, 75.4661



57.3396, 66.1365, 86.1891

Triad

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



55.8792, 66.1365, 75.4661



67.6337, 66.1365, 89.5713



65.4970, 66.1365, 54.0531

Complementary

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



55.8792, 66.1365, 75.4661



53.1059, 48.6328, 48.7102

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.



68.7255, 66.1365, 59.4805



55.8792, 66.1365, 75.4661



69.9934, 66.1365, 79.7179

Square

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



55.8792, 66.1365, 75.4661



64.0557, 66.1365, 94.8594



70.4009, 66.1365, 68.6638



61.6807, 66.1365, 53.1626

Rectangle

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



55.8792, 66.1365, 75.4661



59.1798, 66.1365, 91.6793



70.4009, 66.1365, 68.6638



66.6912, 66.1365, 55.3791

Sweetspot

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



55.8811, 66.1392, 75.4676



88.4931, 96.6535, 107.0688



52.1910, 64.8124, 49.2956



18.8262, 20.6292, 22.8838



0.0000, 0.0000, 0.0000



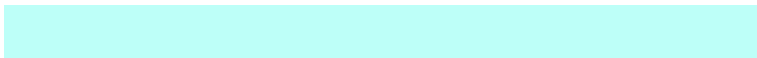
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8811, 66.1392, 75.4676



73.6511, 89.0922, 102.3098



51.8275, 56.9746, 77.3759



14.0531, 15.5470, 17.3149



21.6859, 33.4992, 37.6647



1.5208, 2.3290, 2.7036

Inverse Universe

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



53.1059, 48.6328, 48.7102



69.2766, 61.4876, 60.1252



56.4714, 56.1530, 47.3986



13.7638, 13.7232, 14.5264



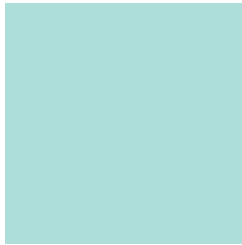
18.0021, 9.2678, 1.4108



1.2674, 0.6502, 0.2007

Previews

White Background



This preview shows how the XYZ color 55.8792, 66.1365, 75.4661 looks on a white background.

Color Contrast Check

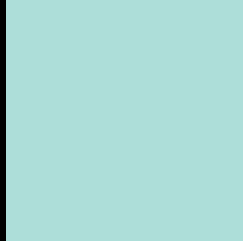
Large Text (above 18pt) WCAG AA × Fail

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 55.8792, 66.1365, 75.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

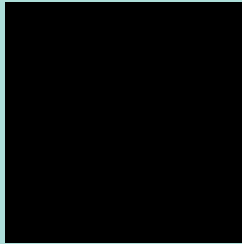
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

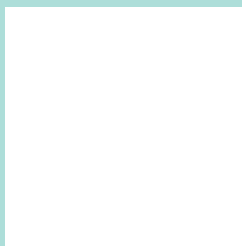
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8792, 66.1365, 75.4661

Background



This preview shows how black text looks on a background with the XYZ color 55.8792, 66.1365, 75.4661.



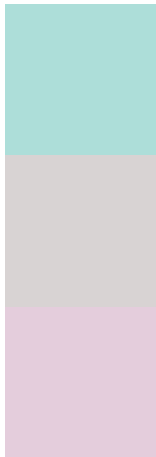
This preview shows how white text looks on a background with the XYZ color 55.8792, 66.1365,

75.4661.

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

55.8792, 66.1365, 75.4661

Protanopia

63.3710, 65.8906, 71.0062

Deuteranopia

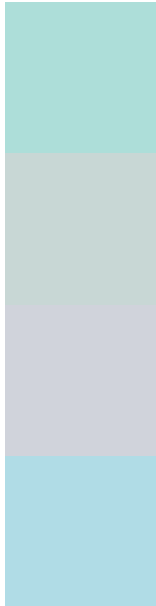
66.7445, 65.3239, 76.8011



Tritanopia

58.7490, 66.1246, 89.7877

Trichromacy



Original Color

55.8792, 66.1365, 75.4661

Protanomaly

60.1301, 65.6843, 72.4599

Deuteranomaly

62.0929, 65.1129, 76.3132

Tritanomaly

57.7806, 66.1297, 84.5819

Monochromacy



Original Color

55.8792, 66.1365, 75.4661

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.8070, 63.3922, 70.8172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8792, 66.1365, 75.4661 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(173, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(173, 222, 217)  
}
```

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(173, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 222, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.8792, 66.1365, 75.4661 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(173, 222, 217) }
```


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

```
.border{ border-color:rgb(173, 222, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 222, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 222, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 222, 217); box-shadow:4px 4px 4px 4px rgb(173, 222, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8792, 66.1365, 75.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 222, 217) }
```

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

```
.background{ background-color: rgb(173,  
222, 217) }
```

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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