

Converting Colors

XYZ(55.5871, 65.7501, 86.1052)

Have a look what the booklet for
XYZ(55.5871, 65.7501, 86.1052)
contains.

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Color

**XYZ(55.5871, 65.7501,
86.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DEE8
RGB	162, 222, 232
RGB Percent	64%, 87%, 91%
CMY	0.3647, 0.1294, 0.0902
CMYK	0.30, 0.04, 0.00, 0.09
HSL	189°, 60%, 77%
HSV	189°, 30%, 91%
XYZ	55.5871, 65.7501, 86.1052
YIQ	205.2000, -38.9700, -9.6100

Conversions

Conversions Part 2

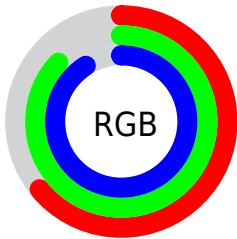
Format	Color
RYB	162, 194, 232
Decimal	10673896
CIELab	84.87, -16.65, -11.04
CIELCh	85, 19.973, 213.549
Yxy	65.7501, 0.2680, 0.3170
Android (android.graphics.Color)	4288863976 (0xFFA2DEE8)
YUV	205.2000, 13.2124, -37.8864
Hunter-Lab	81.0864, -19.5343, -6.1992

Details

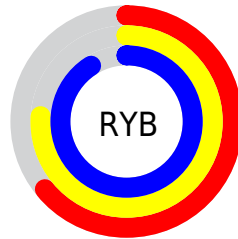
The XYZ color **55.5871, 65.7501, 86.1052** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5538, 49.2703, 40.8189**, and the grayscale version is **58.0935, 61.1189, 66.5585**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **27.8395, 33.9602, 46.1620** is the 20% darker color. If you saturate the color by 10%, you get **50.4312, 61.8000, 85.6156**, and if you desaturate by 10%, it is **61.6336, 70.1882, 86.6443**.

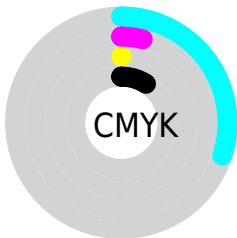
Distribution



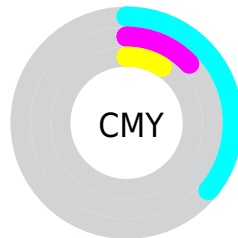
- Red (64%)
- Green (87%)
- Blue (91%)



- Red (64%)
- Yellow (76%)
- Blue (91%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5871, 65.7501, 86.1052 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 55.5871, 65.7501, 86.1052 by changing the saturation by 10% instead.

■ 55.5871, 65.7501,
86.1052

■ 55.5871, 65.7501,
86.1052

■ 398.2339,
445.4826, 535.5177

■ 40.1077, 48.0696,
64.1996

■ 97.5439, 113.1276,
143.8041

■ 27.8071, 33.8820,
46.3651

■ 124.7520,
143.5933, 180.4345

■ 18.3200, 22.8029,
32.1833

■ 156.6004,
179.0896, 222.8102

■ 11.2811, 14.4481,
21.2356

■ 193.4544,
220.0008, 271.3498

■ 6.3249, 8.4330,
13.1034

■ 235.6794,
266.7113, 326.4718

■ 3.0861, 4.3732,
7.3682

■ 283.6408,

■ 1.1995, 1.8845,

319.6055, 388.5948

3.6115

337.7038,
379.0678, 458.1372

■ 0.1060, 0.5390,
1.4147

■ 0.0000, 0.0000,
0.1532

■ 55.5871, 65.7501,
86.1052

■ 55.5871, 65.7501,
86.1052

■ 50.4312, 61.8000,
85.6156

■ 61.6336, 70.1882,
86.6443

■ 46.1121, 58.3052,
85.1687

■ 68.6092, 75.1295,
87.2304

■ 42.5790, 55.2411,
84.7635

■ 76.5571, 80.5980,
87.8670

■ 39.7735, 52.5772,
84.3971

■ 85.5160, 86.6138,
88.5560

■ 37.6284, 50.2788,
84.0666

■ 86.5470, 88.5689,
88.8790

■ 36.0639, 48.3048,
83.7680

■ 87.5237, 90.5223,
89.2046

■ 34.9583, 46.6114,
83.4994

■ 88.5183, 92.5115,
89.5361

■ 89.5309, 94.5367,
89.8736

■ 90.5615, 96.5979,
90.2172

Harmonies

Analogous

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



54.2857, 65.7501, 73.1282



55.5871, 65.7501, 86.1052



58.7352, 65.7501, 96.0221

Triad

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



55.5871, 65.7501, 86.1052



70.5257, 65.7501, 83.1491



61.9619, 65.7501, 49.6868

Complementary

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



55.5871, 65.7501, 86.1052



54.5538, 49.2703, 40.8189

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.



66.4088, 65.7501, 51.7004



55.5871, 65.7501, 86.1052



71.4895, 65.7501, 70.0748

Square

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



55.5871, 65.7501, 86.1052



67.3749, 65.7501, 94.1773



69.9495, 65.7501, 58.8064



57.8537, 65.7501, 52.9390

Rectangle

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



55.5871, 65.7501, 86.1052



61.5308, 65.7501, 99.0029



69.9495, 65.7501, 58.8064



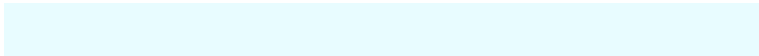
63.4662, 65.7501, 49.7722

Sweetspot

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



55.5891, 65.7527, 86.1067



86.0682, 93.8306, 108.1826



51.1409, 68.3489, 49.1938



18.1315, 19.8810, 23.1317



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.



55.5891, 65.7527, 86.1067



64.9142, 78.4657, 106.3318



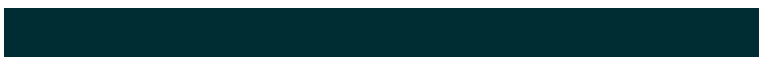
47.3794, 49.3334, 83.3702



14.6228, 15.9670, 18.4556



19.4784, 26.0188, 46.3787



1.4877, 2.0193, 3.4433

Inverse Universe

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



59.3855, 48.2721, 75.2976



70.3830, 53.9296, 90.6166



61.9533, 64.0692, 43.2854



14.9019, 14.5780, 17.6840



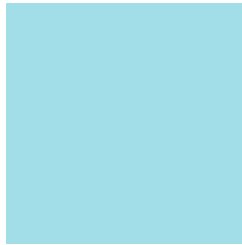
24.2253, 11.8243, 31.1450



1.8145, 0.8835, 2.4299

Previews

White Background



This preview shows how the XYZ color 55.5871, 65.7501, 86.1052 looks on a white background.

Color Contrast Check

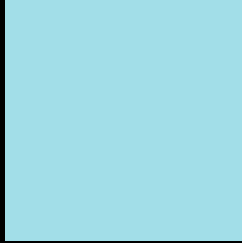
Large Text (above 18pt) WCAG AA × Fail

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 55.5871, 65.7501, 86.1052 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 55.5871, 65.7501, 86.1052

Background



This preview shows how black text looks on a background with the XYZ color 55.5871, 65.7501, 86.1052.

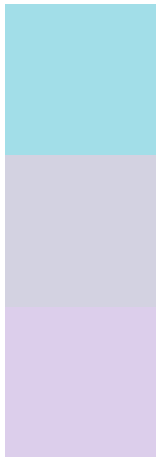


This preview shows how white text looks on a background with the XYZ color 55.5871, 65.7501,

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

55.5871, 65.7501, 86.1052

Protanopia

63.5012, 65.3783, 80.5066

Deuteranopia

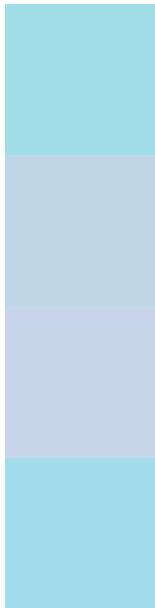
66.5819, 65.3564, 87.7031



Tritanopia

56.7463, 65.8374, 91.3784

Trichromacy



Original Color

55.5871, 65.7501, 86.1052

Protanomaly

60.0425, 65.0320, 82.7866

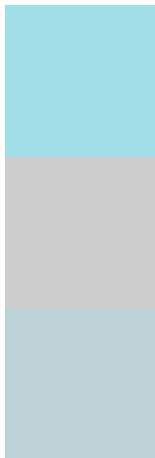
Deuteranomaly

61.9480, 65.1696, 87.1559

Tritanomaly

56.1010, 65.5556, 89.0535

Monochromacy



Original Color

55.5871, 65.7501, 86.1052

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.5463, 62.3136, 73.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5871, 65.7501, 86.1052 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(162, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 232)  
}
```

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(162, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 55.5871, 65.7501, 86.1052 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(162, 222, 232) }
```


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

```
.border{ border-color:rgb(162, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5871, 65.7501, 86.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 222, 232) }
```

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

```
.background{ background-color: rgb(162,  
222, 232) }
```

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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