

Converting Colors

XYZ(55.1941, 60.6954, 86.5125)

Have a look what the booklet for
XYZ(55.1941, 60.6954, 86.5125)
contains.

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Color

**XYZ(55.1073, 60.5401,
86.6228)**

Conversions

Conversions Part 1

Format	Color
Hex	AED1EA
RGB	174, 209, 234
RGB Percent	68%, 82%, 92%
CMY	0.3176, 0.1804, 0.0823
CMYK	0.26, 0.11, 0.00, 0.08
HSL	205°, 59%, 80%
HSV	205°, 26%, 92%
XYZ	55.1073, 60.5401, 86.6228
YIQ	201.3850, -28.8850, 0.3550

Conversions

Conversions Part 2

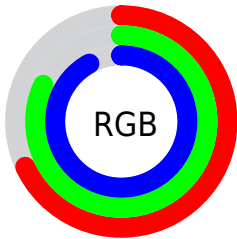
Format	Color
RYB	174, 196, 234
Decimal	11457002
CIELab	82.13, -6.05, -16.13
CIELCh	82, 17.226, 249.436
Yxy	60.5401, 0.2724, 0.2993
Android (android.graphics.Color)	4289647082 (0xFFAED1EA)
YUV	201.3850, 16.0792, -24.0166
Hunter-Lab	77.8075, -9.7402, -11.5421

Details

The XYZ color **55.1073, 60.5401, 86.6228** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.9958, 61.3956, 48.6289**, and the grayscale version is **55.6738, 58.5732, 63.7862**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **27.5030, 30.6501, 46.5860** is the 20% darker color. If you saturate the color by 10%, you get **48.0225, 53.4462, 85.6280**, and if you desaturate by 10%, it is **63.2503, 68.3998, 87.7117**.

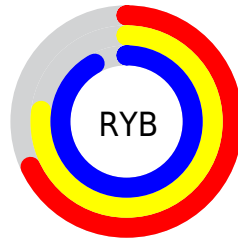
Distribution



Red (68%)

Green (82%)

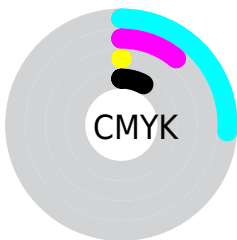
Blue (92%)



Red (68%)

Yellow (77%)

Blue (92%)

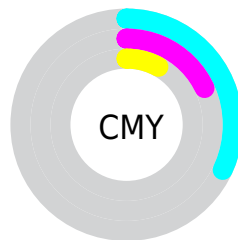


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1073, 60.5401, 86.6228 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 55.1073, 60.5401, 86.6228 by changing the saturation by 10% instead.

■ 55.1073, 60.5401,
86.6228

■ 55.1073, 60.5401,
86.6228

396.4483,
426.5857, 537.2666

■ 39.7218, 43.8541,
64.6253

■ 96.8456, 105.6128,
144.5325

■ 27.5050, 30.5558,
46.7079

123.9290,
134.7682, 181.2817

■ 18.0914, 20.2609,
32.4521

155.6426,
168.8490, 223.7853

■ 11.1157, 12.5848,
21.4394

192.3515,
208.2394, 272.4617

■ 6.2126, 7.1433,
13.2512

234.4212,
253.3239, 327.7295

■ 3.0166, 3.5519,
7.4690

282.2170,

■ 1.1626, 1.4262,

304.4868, 390.0072

3.6742

336.1042,
362.1126, 459.7134

■ 0.0765, 0.2359,
1.4484

■ 0.0000, 0.0000,
0.1790

■ 55.1073, 60.5401,
86.6228

■ 55.1073, 60.5401,
86.6228

■ 48.0225, 53.4462,
85.6280

■ 63.2503, 68.3998,
87.7117

■ 41.9406, 47.0813,
84.7200

■ 72.4922, 77.0456,
88.8934

■ 36.8096, 41.4161,
83.8969

■ 82.8782, 86.5059,
90.1720

■ 32.5699, 36.4158,
83.1552

■ 89.6592, 94.3360,
91.3260

■ 29.1545, 32.0417,
82.4909

■ 91.8515, 98.7206,
92.0568

■ 26.4858, 28.2494,
81.8996

■ 24.4686, 24.9853,
81.3759

■ 23.7275, 23.6926,
81.1654

Harmonies

Analogous

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



52.2809, 60.5401, 79.5521



55.1073, 60.5401, 86.6228



58.7018, 60.5401, 87.8409

Triad

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



55.1073, 60.5401, 86.6228



64.7589, 60.5401, 62.6719



53.1904, 60.5401, 51.5585

Complementary

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



55.1073, 60.5401, 86.6228



61.9958, 61.3956, 48.6289

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.



56.3967, 60.5401, 47.9845



55.1073, 60.5401, 86.6228



63.1438, 60.5401, 53.9379

Square

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



55.1073, 60.5401, 86.6228



64.3779, 60.5401, 73.2460



60.0464, 60.5401, 48.8069



51.2072, 60.5401, 59.0956

Rectangle

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



55.1073, 60.5401, 86.6228



61.0661, 60.5401, 85.0533



60.0464, 60.5401, 48.8069



54.1553, 60.5401, 49.8920

Sweetspot

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



55.1091, 60.5425, 86.6242



85.2873, 91.0307, 107.6833



57.0727, 71.9227, 64.3019



17.8835, 19.1386, 23.0015



0.0000, 0.0000, 0.0000



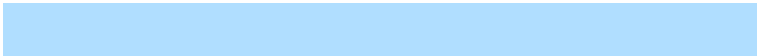
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1091, 60.5425, 86.6242



62.0818, 68.7215, 104.6003



48.6295, 47.5832, 84.4643



14.9613, 16.0090, 19.2238



13.4605, 13.5680, 45.6524



1.1516, 1.2547, 3.6164

Inverse Universe

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



60.5779, 52.3695, 67.2398



69.9491, 57.5685, 76.5783



69.3162, 76.0363, 51.0690



15.4340, 15.2015, 17.5708



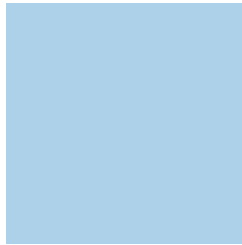
21.6495, 10.8625, 14.4876



1.7478, 0.8721, 1.3891

Previews

White Background



This preview shows how the XYZ color 55.1073, 60.5401, 86.6228 looks on a white background.

Color Contrast Check

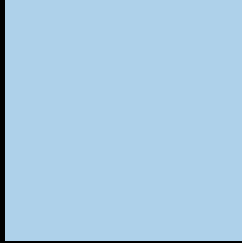
Large Text (above 18pt) WCAG AA × Fail

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 55.1073, 60.5401, 86.6228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

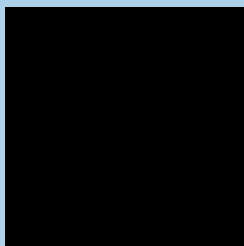
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

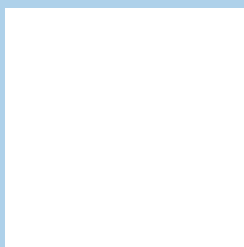
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1073, 60.5401, 86.6228

Background



This preview shows how black text looks on a background with the XYZ color 55.1073, 60.5401, 86.6228.



This preview shows how white text looks on a background with the XYZ color 55.1073, 60.5401,

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

55.1073, 60.5401, 86.6228

Protanopia

59.2229, 60.2336, 83.3678

Deuteranopia

61.5762, 60.3129, 87.7530



Tritanopia

54.1453, 60.5235, 81.5015

Trichromacy



Original Color

55.1073, 60.5401, 86.6228

Protanomaly

57.7410, 60.5085, 84.2373

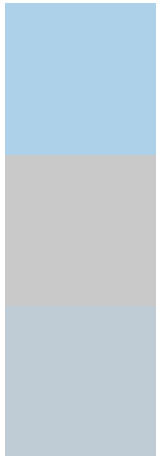
Deuteranomaly

59.1163, 60.4458, 87.1487

Tritanomaly

54.5631, 60.6906, 83.7016

Monochromacy



Original Color

55.1073, 60.5401, 86.6228

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0890, 59.0662, 71.4482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1073, 60.5401, 86.6228 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(174, 209, 234)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 234)  
}
```

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(174, 209, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 234) }
```

Border

The CSS property to change the border of an element to XYZ 55.1073, 60.5401, 86.6228 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(174, 209, 234) }
```


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

```
.border{ border-color:rgb(174, 209, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 234);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1073, 60.5401, 86.6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 234) }
```

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

```
.background{ background-color: rgb(174,  
209, 234) }
```

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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