

Converting Colors

XYZ(55.3288, 61.3905, 87.6099)

Have a look what the booklet for
XYZ(55.3288, 61.3905, 87.6099)
contains.

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Color

**XYZ(55.3029, 61.3573,
87.5256)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD3EB
RGB	172, 211, 235
RGB Percent	67%, 83%, 92%
CMY	0.3255, 0.1725, 0.0784
CMYK	0.27, 0.10, 0.00, 0.08
HSL	203°, 61%, 80%
HSV	203°, 27%, 92%
XYZ	55.3029, 61.3573, 87.5256
YIQ	202.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

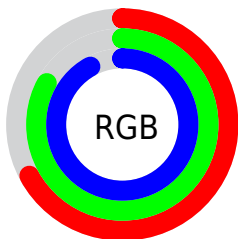
Format	Color
RYB	172, 196, 235
Decimal	11326443
CIELab	82.57, -7.45, -16.01
CIELCh	83, 17.661, 245.040
Yxy	61.3573, 0.2708, 0.3005
Android (android.graphics.Color)	4289516523 (0xFFACD3EB)
YUV	202.0750, 16.2320, -26.3758
Hunter-Lab	78.3309, -11.0551, -11.4180

Details

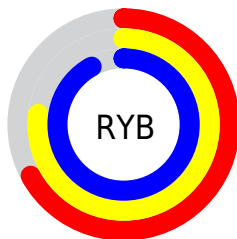
The XYZ color **55.3029, 61.3573, 87.5256** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.4481, 60.1211, 47.3971**, and the grayscale version is **56.1030, 59.0248, 64.2780**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **27.6649, 31.2202, 47.2158** is the 20% darker color. If you saturate the color by 10%, you get **48.4323, 54.6068, 86.5858**, and if you desaturate by 10%, it is **63.2131, 68.8306, 88.5522**.

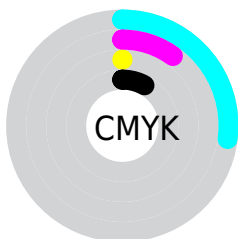
Distribution



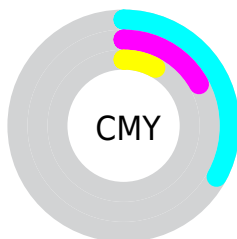
- Red (67%)
- Green (83%)
- Blue (92%)



- Red (67%)
- Yellow (77%)
- Blue (92%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (33%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3029, 61.3573, 87.5256 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 55.3029, 61.3573, 87.5256 by changing the saturation by 10% instead.

■ 55.3029, 61.3573,
87.5256

■ 55.3029, 61.3573,
87.5256

397.1769,
429.5829, 540.3094

■ 39.8791, 44.5136,
65.3681

■ 97.1303, 106.7961,
145.8018

■ 27.6281, 31.0745,
47.3064

124.2647,
136.1600, 182.7577

■ 18.1845, 20.6556,
32.9219

156.0333,
170.4661, 225.4835

■ 11.1830, 12.8725,
21.7960

192.8014,
210.0987, 274.3976

■ 6.2583, 7.3408,
13.5102

234.9345,
255.4423, 329.9188

■ 3.0449, 3.6761,
7.6460

282.7978,

■ 1.1776, 1.4941,

306.8813, 392.4654

3.7847

336.7568,
364.8000, 462.4561

■ 0.0885, 0.2846,
1.5080

■ 0.0000, 0.0000,
0.2239

■ 55.3029, 61.3573,
87.5256

■ 55.3029, 61.3573,
87.5256

■ 48.4323, 54.6068,
86.5858

■ 63.2131, 68.8306,
88.5522

■ 42.5457, 48.5429,
85.7256

■ 72.2037, 77.0462,
89.6641

■ 37.5903, 43.1370,
84.9433

■ 82.3201, 86.0317,
90.8653

■ 33.5061, 38.3549,
84.2355

■ 89.4385, 93.6640,
91.9633

■ 30.2249, 34.1583,
83.5985

■ 91.9956, 98.7782,
92.8157

■ 27.6675, 30.5031,
83.0277

■ 25.7332, 27.3340,
82.5180

■ 25.1952, 26.3975,
82.3656

Harmonies

Analogous

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



52.5642, 61.3573, 79.4940



55.3029, 61.3573, 87.5256



58.9596, 61.3573, 89.7773

Triad

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



55.3029, 61.3573, 87.5256



65.8669, 61.3573, 64.9944



54.2415, 61.3573, 51.1644

Complementary

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



55.3029, 61.3573, 87.5256



61.4481, 60.1211, 47.3971

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.



57.6816, 61.3573, 48.1337



55.3029, 61.3573, 87.5256



64.4777, 61.3573, 55.5484

Square

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



55.3029, 61.3573, 87.5256



65.1633, 61.3573, 75.9878



61.4413, 61.3573, 49.6479



51.9702, 61.3573, 58.3984

Rectangle

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



55.3029, 61.3573, 87.5256



61.4509, 61.3573, 87.5107



61.4413, 61.3573, 49.6479



55.2939, 61.3573, 49.6581

Sweetspot

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



55.3048, 61.3598, 87.5270



85.5099, 91.4760, 107.7575



56.5845, 72.1332, 62.6313



17.9396, 19.2509, 23.0202



0.0000, 0.0000, 0.0000



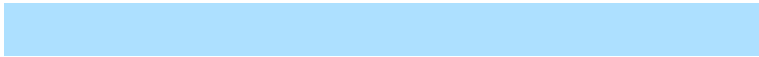
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3048, 61.3598, 87.5270



62.0055, 69.4166, 104.7384



48.4122, 47.5746, 85.2295



15.0078, 16.1021, 19.2393



14.1491, 14.9452, 45.8819



1.2034, 1.3583, 3.6336

Inverse Universe

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



60.7729, 51.8719, 68.4399



69.7037, 56.6781, 77.7281



69.0683, 75.3615, 49.9372



15.4575, 15.2109, 17.6945



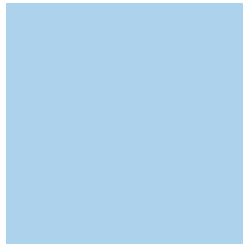
21.9971, 11.0015, 16.3180



1.7739, 0.8825, 1.5269

Previews

White Background



This preview shows how the XYZ color 55.3029, 61.3573, 87.5256 looks on a white background.

Color Contrast Check

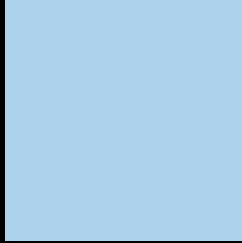
Large Text (above 18pt) WCAG AA × Fail

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 55.3029, 61.3573, 87.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

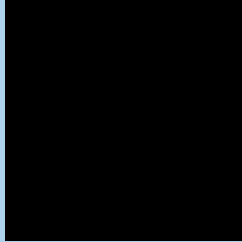
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3029, 61.3573, 87.5256

Background



This preview shows how black text looks on a background with the XYZ color 55.3029, 61.3573, 87.5256.



This preview shows how white text looks on a background with the XYZ color 55.3029, 61.3573,

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

55.3029, 61.3573, 87.5256

Protanopia

59.7263, 60.8426, 83.4588

Deuteranopia

62.2348, 60.9783, 88.6106



Tritanopia

54.4809, 61.4020, 83.1091

Trichromacy



Original Color

55.3029, 61.3573, 87.5256

Protanomaly

57.8720, 60.9160, 85.0517

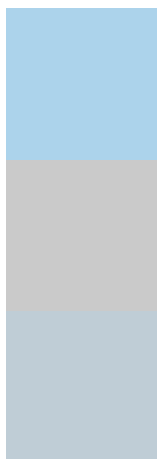
Deuteranomaly

59.4981, 60.9776, 87.9908

Tritanomaly

54.7619, 61.5144, 84.5885

Monochromacy



Original Color

55.3029, 61.3573, 87.5256

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.4548, 59.5940, 72.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3029, 61.3573, 87.5256 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(172, 211, 235)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 235)  
}
```

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(172, 211, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 235) }
```

Border

The CSS property to change the border of an element to XYZ 55.3029, 61.3573, 87.5256 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(172, 211, 235) }
```


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

```
.border{ border-color:rgb(172, 211, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 235);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3029, 61.3573, 87.5256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 235) }
```

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

```
.background{ background-color: rgb(172,  
211, 235) }
```

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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