

Converting Colors

XYZ(55.6591, 61.2065, 85.9713)

Have a look what the booklet for
XYZ(55.6591, 61.2065, 85.9713)
contains.

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Color

**XYZ(55.6591, 61.2065,
85.9713)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D2E9
RGB	176, 210, 233
RGB Percent	69%, 82%, 91%
CMY	0.3098, 0.1765, 0.0863
CMYK	0.24, 0.10, 0.00, 0.09
HSL	204°, 56%, 80%
HSV	204°, 24%, 91%
XYZ	55.6591, 61.2065, 85.9713
YIQ	202.4560, -27.6470, -0.0550

Conversions

Conversions Part 2

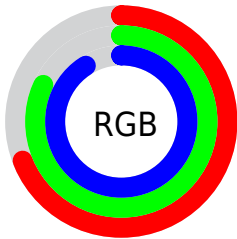
Format	Color
R _Y B	176, 197, 233
Decimal	11588329
CIE Lab	82.49, -6.21, -15.04
CIE LCh	82, 16.275, 247.569
Yxy	61.2065, 0.2744, 0.3018
Android (android.graphics.Color)	4289778409 (0xFFB0D2E9)
YUV	202.4560, 15.0582, -23.2019
Hunter-Lab	78.2346, -9.9187, -10.3891

Details

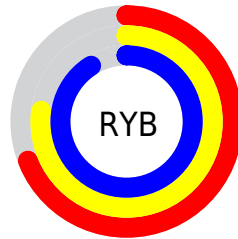
The XYZ color **55.6591, 61.2065, 85.9713** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.8649, 61.3055, 49.6483**, and the grayscale version is **56.3465, 59.2809, 64.5570**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.8503, 31.0888, 46.1278** is the 20% darker color. If you saturate the color by 10%, you get **48.5833, 54.2152, 84.9958**, and if you desaturate by 10%, it is **63.7792, 68.9416, 87.0374**.

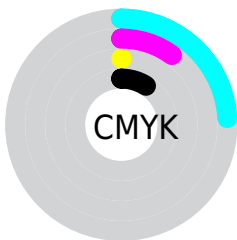
Distribution



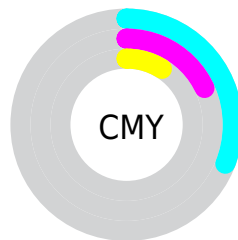
- Red (69%)
- Green (82%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6591, 61.2065, 85.9713 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 55.6591, 61.2065, 85.9713 by changing the saturation by 10% instead.

■ 55.6591, 61.2065,
85.9713

■ 55.6591, 61.2065,
85.9713

398.5014,
429.0307, 535.0648

■ 40.1656, 44.3918,
64.0895

■ 97.6487, 106.5779,
143.6156

■ 27.8525, 30.9787,
46.2765

124.8755,
135.9034, 180.2152

■ 18.3544, 20.5826,
32.1138

156.7440,
170.1680, 222.5578

■ 11.3059, 12.8193,
21.1829

193.6198,
209.7560, 271.0619

■ 6.3418, 7.3042,
13.0652

235.8680,
255.0519, 326.1462

■ 3.0966, 3.6531,
7.3422

283.8541,

■ 1.2051, 1.4814,

306.4401, 388.2290

3.5954

337.9435,
364.3049, 457.7290

■ 0.1104, 0.2756,
1.4061

■ 0.0000, 0.0000,
0.1465

■ 55.6591, 61.2065,
85.9713

■ 55.6591, 61.2065,
85.9713

■ 48.5833, 54.2152,
84.9958

■ 63.7792, 68.9416,
87.0374

■ 42.4977, 47.9319,
84.1037

■ 72.9831, 77.4396,
88.1925

■ 37.3515, 42.3284,
83.2934

■ 83.3151, 86.7283,
89.4409

■ 33.0869, 37.3710,
82.5613

■ 89.3951, 94.0372,
90.5312

■ 29.6388, 33.0227,
81.9037

■ 91.7082, 98.6633,
91.3022

■ 26.9323, 29.2409,
81.3164

■ 24.8760, 25.9746,
80.7943

■ 23.9397, 24.3463,
80.5294

Harmonies

Analogous

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



53.0312, 61.2065, 79.0230



55.6591, 61.2065, 85.9713



59.0607, 61.2065, 87.5004

Triad

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



55.6591, 61.2065, 85.9713



65.0627, 61.2065, 64.1511



54.1900, 61.2065, 52.5799

Complementary

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



55.6591, 61.2065, 85.9713



61.8649, 61.3055, 49.6483

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.



57.2980, 61.2065, 49.3959



55.6591, 61.2065, 85.9713



63.6410, 61.2065, 55.6294

Square

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



55.6591, 61.2065, 85.9713



64.5813, 61.2065, 74.2257



60.7655, 61.2065, 50.4540



52.2069, 61.2065, 59.5960

Rectangle

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



55.6591, 61.2065, 85.9713



61.3269, 61.2065, 85.1138



60.7655, 61.2065, 50.4540



55.1329, 61.2065, 51.0595

Sweetspot

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



55.6610, 61.2090, 85.9727



86.5305, 92.2610, 107.8553



57.3303, 71.6234, 64.7156



18.3707, 19.6096, 23.0667



0.0000, 0.0000, 0.0000



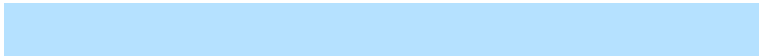
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6610, 61.2090, 85.9727



64.0872, 70.9886, 104.9322



49.2805, 48.4480, 83.8459



14.9784, 16.0432, 19.2295



13.7084, 14.0637, 45.7350



1.1703, 1.2922, 3.6226

Inverse Universe

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



60.7640, 53.0290, 68.0085



71.3870, 59.7732, 79.1260



68.9931, 75.5618, 52.0244



15.4427, 15.2049, 17.6163



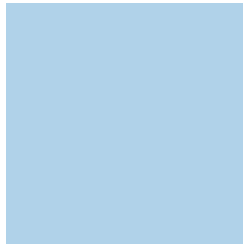
21.7746, 10.9125, 15.1465



1.7572, 0.8759, 1.4390

Previews

White Background



This preview shows how the XYZ color 55.6591, 61.2065, 85.9713 looks on a white background.

Color Contrast Check

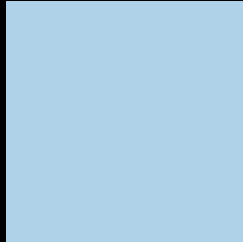
Large Text (above 18pt) WCAG AA × Fail

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 55.6591, 61.2065, 85.9713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

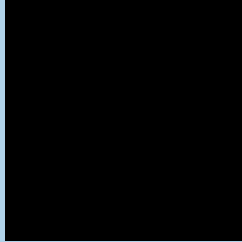
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

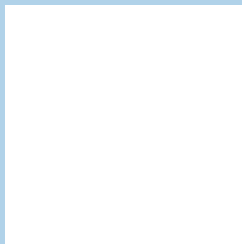
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6591, 61.2065, 85.9713

Background



This preview shows how black text looks on a background with the XYZ color 55.6591, 61.2065, 85.9713.



This preview shows how white text looks on a background with the XYZ color 55.6591, 61.2065,

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

55.6591, 61.2065, 85.9713

Protanopia

59.5862, 60.7865, 82.7212

Deuteranopia

62.2280, 61.0083, 87.0933



Tritanopia

54.9771, 61.3039, 82.3340

Trichromacy



Original Color

55.6591, 61.2065, 85.9713

Protanomaly

58.0925, 61.0623, 83.5873

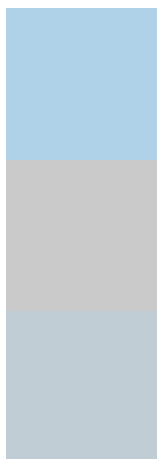
Deuteranomaly

59.7329, 61.1320, 86.4933

Tritanomaly

55.2564, 61.4157, 83.8050

Monochromacy



Original Color

55.6591, 61.2065, 85.9713

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8339, 59.8042, 71.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6591, 61.2065, 85.9713 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(176, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(176, 210, 233)  
}
```

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(176, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 210, 233) }
```

Border

The CSS property to change the border of an element to XYZ 55.6591, 61.2065, 85.9713 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(176, 210, 233) }
```


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

```
.border{ border-color:rgb(176, 210, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 210, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 210, 233);  
box-shadow:4px 4px 4px 4px rgb(176, 210,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6591, 61.2065, 85.9713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 210, 233) }
```

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

```
.background{ background-color: rgb(176,  
210, 233) }
```

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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