

Converting Colors

XYZ(55.7441, 61.5955, 90.6130)

Have a look what the booklet for
XYZ(55.7441, 61.5955, 90.6130)
contains.

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Color

**XYZ(55.6688, 61.4785,
90.5938)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD3EF
RGB	171, 211, 239
RGB Percent	67%, 83%, 94%
CMY	0.3294, 0.1725, 0.0627
CMYK	0.28, 0.12, 0.00, 0.06
HSL	205°, 68%, 80%
HSV	205°, 28%, 94%
XYZ	55.6688, 61.4785, 90.5938
YIQ	202.2320, -32.8280, 0.2280

Conversions

Conversions Part 2

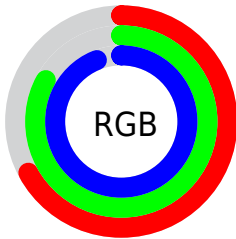
Format	Color
RYB	171, 196, 239
Decimal	11260911
CIELab	82.64, -6.81, -18.05
CIELCh	83, 19.291, 249.317
Yxy	61.4785, 0.2680, 0.2959
Android (android.graphics.Color)	4289450991 (0xFFABD3EF)
YUV	202.2320, 18.1266, -27.3905
Hunter-Lab	78.4082, -10.4818, -13.6186

Details

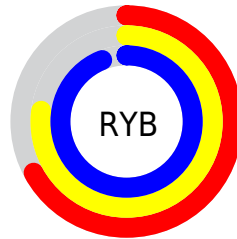
The XYZ color **55.6688, 61.4785, 90.5938** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3714, 62.1381, 47.1833**, and the grayscale version is **56.1904, 59.1167, 64.3781**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **27.9403, 31.3147, 49.3715** is the 20% darker color. If you saturate the color by 10%, you get **48.5561, 54.2943, 89.5830**, and if you desaturate by 10%, it is **63.8762, 69.4522, 91.7013**.

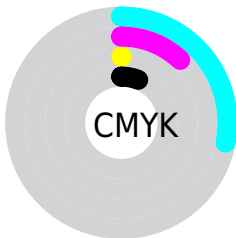
Distribution



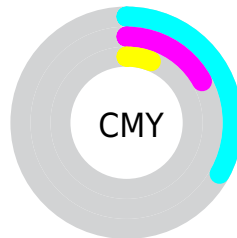
- Red (67%)
- Green (83%)
- Blue (94%)



- Red (67%)
- Yellow (77%)
- Blue (94%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6688, 61.4785, 90.5938 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 55.6688, 61.4785, 90.5938 by changing the saturation by 10% instead.

■ 55.6688, 61.4785,
90.5938

■ 55.6688, 61.4785,
90.5938

398.5374,
430.0263, 550.5804

■ 40.1734, 44.6114,
67.8968

■ 97.6628, 106.9715,
150.1057

■ 27.8586, 31.1515,
49.3476

124.8921,
136.3662, 187.7575

■ 18.3590, 20.7142,
34.5277

156.7634,
170.7055, 231.2315

■ 11.3093, 12.9153,
23.0187

193.6420,
210.3740, 280.9460

■ 6.3441, 7.3702,
14.4019

235.8934,
255.7559, 337.3196

■ 3.0980, 3.6947,
8.2588

283.8829,

■ 1.2058, 1.5043,

307.2356, 400.7708

4.1708

337.9758,
365.1976, 471.7183

■ 0.1110, 0.2917,
1.7195

■ 0.0000, 0.0000,
0.3741

■ 55.6688, 61.4785,
90.5938

■ 55.6688, 61.4785,
90.5938

■ 48.5561, 54.2943,
89.5830

■ 63.8762, 69.4522,
91.7013

■ 42.4790, 47.8608,
88.6615

■ 73.2222, 78.2373,
92.9044

■ 37.3811, 42.1463,
87.8272

■ 83.7550, 87.8640,
94.2075

■ 33.1980, 37.1134,
87.0762

■ 91.1196, 96.0909,
95.4072

■ 29.8564, 32.7200,
86.4044

■ 92.5802, 99.0121,
95.8941

■ 27.2703, 28.9174,
85.8067

■ 25.3176, 25.6381,
85.2766

■ 25.0458, 25.1632,
85.1993

Harmonies

Analogous

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



52.4931, 61.4785, 82.4359



55.6688, 61.4785, 90.5938



59.7307, 61.4785, 92.0301

Triad

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



55.6688, 61.4785, 90.5938



66.6396, 61.4785, 63.3189



53.5370, 61.4785, 50.8169

Complementary

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



55.6688, 61.4785, 90.5938



63.3714, 62.1381, 47.1833

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.



57.1551, 61.4785, 46.8821



55.6688, 61.4785, 90.5938



64.8059, 61.4785, 53.5182

Square

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



55.6688, 61.4785, 90.5938



66.1955, 61.4785, 75.3124



61.2882, 61.4785, 47.8091



51.3033, 61.4785, 59.2116

Rectangle

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



55.6688, 61.4785, 90.5938



62.4154, 61.4785, 88.8320



61.2882, 61.4785, 47.8091



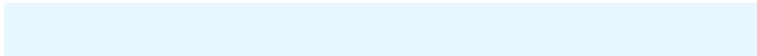
54.6246, 61.4785, 48.9765

Sweetspot

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



55.6707, 61.4810, 90.5952



84.1642, 90.0228, 107.5479



57.8785, 74.4786, 64.8737



17.6606, 18.9394, 22.9748



0.0000, 0.0000, 0.0000



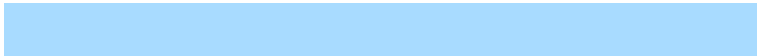
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6707, 61.4810, 90.5952



59.6730, 66.3991, 104.2789



48.2565, 46.6526, 88.1238



15.6701, 16.7743, 20.1335



13.9731, 14.1704, 47.1266



1.2602, 1.3743, 3.9531

Inverse Universe

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



61.9189, 52.1812, 68.4393



68.1242, 54.5066, 74.1574



71.8613, 79.1180, 50.0133



16.1629, 15.9149, 18.4141



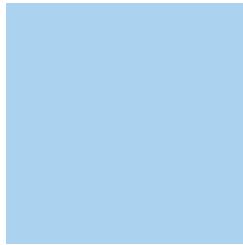
22.3786, 11.2239, 15.1761



1.9110, 0.9535, 1.5223

Previews

White Background



This preview shows how the XYZ color 55.6688, 61.4785, 90.5938 looks on a white background.

Color Contrast Check

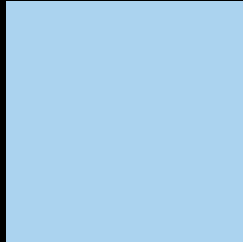
Large Text (above 18pt) WCAG AA × Fail

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 55.6688, 61.4785, 90.5938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

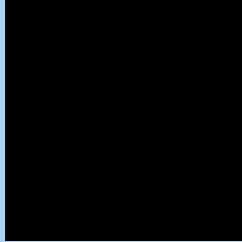
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

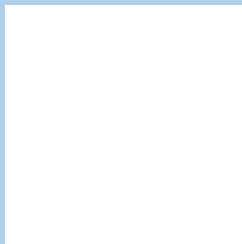
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6688, 61.4785, 90.5938

Background



This preview shows how black text looks on a background with the XYZ color 55.6688, 61.4785, 90.5938.

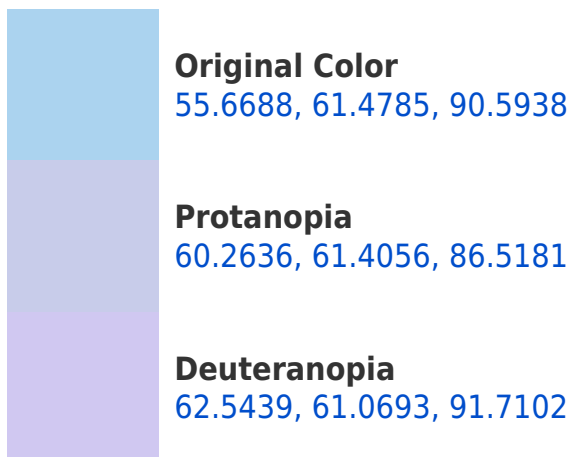


This preview shows how white text looks on a background with the XYZ color 55.6688, 61.4785,

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





Tritanopia

54.4394, 61.7367, 83.9100

Trichromacy



Original Color

55.6688, 61.4785, 90.5938

Protanomaly

58.4394, 61.5006, 88.1476

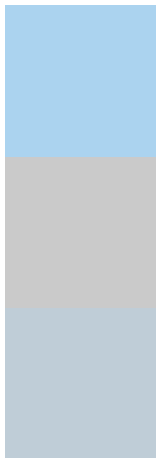
Deuteranomaly

59.8267, 61.0791, 91.0743

Tritanomaly

54.8290, 61.5162, 86.0748

Monochromacy



Original Color

55.6688, 61.4785, 90.5938

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5829, 59.6453, 72.8731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6688, 61.4785, 90.5938 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(171, 211, 239)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 239)  
}
```

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(171, 211, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 239) }
```

Border

The CSS property to change the border of an element to XYZ 55.6688, 61.4785, 90.5938 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(171, 211, 239) }
```


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

```
.border{ border-color:rgb(171, 211, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 211, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 239);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6688, 61.4785, 90.5938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 211, 239) }
```

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

```
.background{ background-color: rgb(171,  
211, 239) }
```

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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