

Converting Colors

XYZ(61.8550, 70.7608, 96.7843)

Have a look what the booklet for
XYZ(61.8550, 70.7608, 96.7843)
contains.

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Color

**XYZ(61.8550, 70.7608,
96.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E3F5
RGB	176, 227, 245
RGB Percent	69%, 89%, 96%
CMY	0.3098, 0.1098, 0.0392
CMYK	0.28, 0.07, 0.00, 0.04
HSL	196°, 78%, 83%
HSV	196°, 28%, 96%
XYZ	61.8550, 70.7608, 96.7843
YIQ	213.8030, -36.1740, -5.2140

Conversions

Conversions Part 2

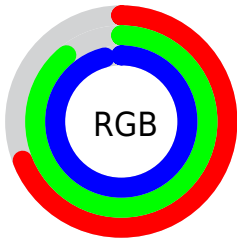
Format	Color
R _Y B	176, 205, 245
Decimal	11592693
CIE Lab	87.37, -12.26, -14.08
CIE LCh	87, 18.669, 228.945
Yxy	70.7608, 0.2696, 0.3085
Android (android.graphics.Color)	4289782773 (0xFFB0E3F5)
YUV	213.8030, 15.3801, -33.1532
Hunter-Lab	84.1194, -15.9538, -9.3330

Details

The XYZ color **61.8550, 70.7608, 96.7843** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.7854, 61.1313, 49.4609**, and the grayscale version is **63.7031, 67.0206, 72.9855**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **31.9639, 37.3167, 53.6623** is the 20% darker color. If you saturate the color by 10%, you get **55.0923, 64.7294, 95.9777**, and if you desaturate by 10%, it is **69.6866, 77.4431, 97.6625**.

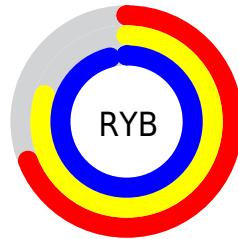
Distribution



Red (69%)

Green (89%)

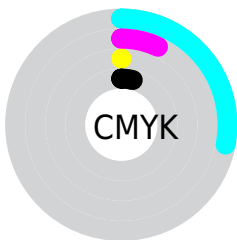
Blue (96%)



Red (69%)

Yellow (80%)

Blue (96%)

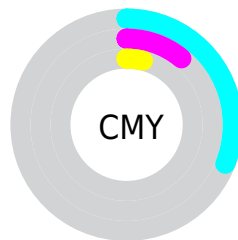


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8550, 70.7608, 96.7843 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 61.8550, 70.7608, 96.7843 by changing the saturation by 10% instead.

61.8550, 70.7608,
96.7843

61.8550, 70.7608,
96.7843

421.1280,
463.2168, 570.9912

45.1707, 52.1470,
73.0159

106.6071,
120.2931, 158.7441

31.7938, 37.1223,
53.4970

135.4055,
151.9803, 197.7726

21.3588, 25.3022,
37.8093

168.9728,
188.7942, 242.7248

13.5005, 16.3023,
25.5340

207.6741,
231.1191, 294.0193

7.8534, 9.7383,
16.2527

251.8750,
279.3395, 352.0747

4.0523, 5.2258,
9.5469

301.9407,

1.7318, 2.3804,

333.8396, 417.3094

4.9979

358.2365,
395.0039, 490.1421

■ 0.4760, 0.8158,
2.1873

■ 0.0000, 0.0000,
0.6670

■ 61.8550, 70.7608,
96.7843

■ 61.8550, 70.7608,
96.7843

■ 55.0923, 64.7294,
95.9777

■ 69.6866, 77.4431,
97.6625

■ 49.3376, 59.3111,
95.2352

■ 78.6310, 84.7946,
98.6101

■ 44.5334, 54.4771,
94.5554

■ 88.7377, 92.8436,
99.6310

■ 40.6136, 50.1922,
93.9349

■ 92.7102, 97.8297,
100.3841

■ 37.5031, 46.4166,
93.3701

■ 93.4817, 99.3727,
100.6412

■ 35.1132, 43.1034,
92.8565

■ 33.3214, 40.1885,
92.3883

■ 33.0251, 39.6795,
92.3057

Harmonies

Analogous

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



59.5727, 70.7608, 85.1776



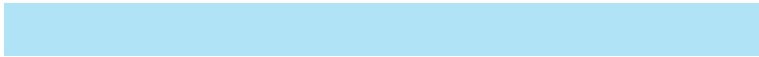
61.8550, 70.7608, 96.7843



65.6480, 70.7608, 103.3356

Triad

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



61.8550, 70.7608, 96.7843



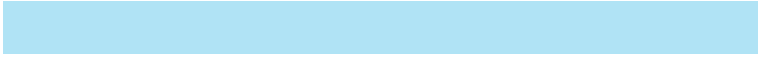
75.8991, 70.7608, 81.7828



64.5484, 70.7608, 56.3403

Complementary

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



61.8550, 70.7608, 96.7843



64.7854, 61.1313, 49.4609

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.



68.8901, 70.7608, 55.6432



61.8550, 70.7608, 96.7843



75.5731, 70.7608, 69.4500

Square

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



61.8550, 70.7608, 96.7843



73.8346, 70.7608, 94.0672



72.9626, 70.7608, 60.1930



61.0803, 70.7608, 62.2137

Rectangle

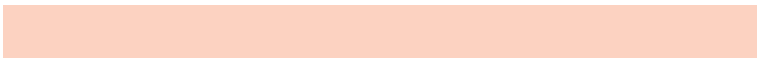
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8550, 70.7608, 96.7843



68.5792, 70.7608, 103.5239



72.9626, 70.7608, 60.1930



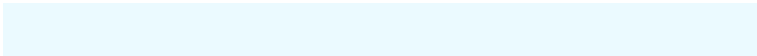
65.9500, 70.7608, 55.5187

Sweetspot

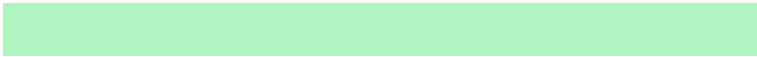
The Sweet Spot groups the original color and five complimentary colors.



61.8571, 70.7636, 96.7859



86.2649, 92.9860, 108.0092



60.2120, 78.3978, 62.5589



18.1304, 19.6323, 23.0838



0.0000, 0.0000, 0.0000



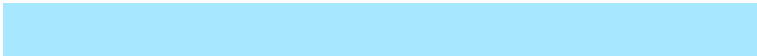
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8571, 70.7636, 96.7859



63.2276, 73.5083, 105.4638



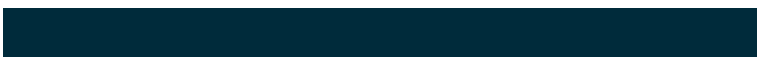
53.5128, 54.0750, 94.0045



16.6096, 17.9834, 21.1383



17.9094, 21.6126, 49.7657



1.6571, 2.0656, 4.4016

Inverse Universe

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



67.0484, 56.0110, 79.9535



69.9184, 55.2243, 83.6056



73.1687, 77.8979, 52.2554



17.0183, 16.6902, 19.8427



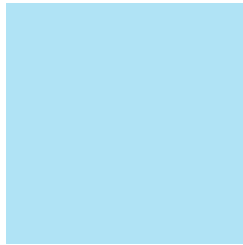
24.8444, 12.2812, 24.9525



2.2255, 1.0962, 2.4138

Previews

White Background



This preview shows how the XYZ color 61.8550, 70.7608, 96.7843 looks on a white background.

Color Contrast Check

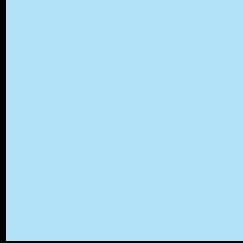
Large Text (above 18pt) WCAG AA × Fail

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 61.8550, 70.7608, 96.7843 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 61.8550, 70.7608, 96.7843

Background



This preview shows how black text looks on a background with the XYZ color 61.8550, 70.7608, 96.7843.

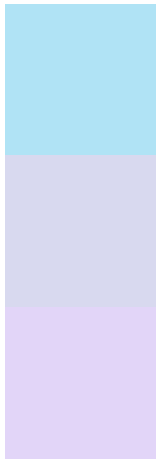


This preview shows how white text looks on a background with the XYZ color 61.8550, 70.7608,

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

61.8550, 70.7608, 96.7843

Protanopia

68.7117, 70.4566, 91.6393

Deuteranopia

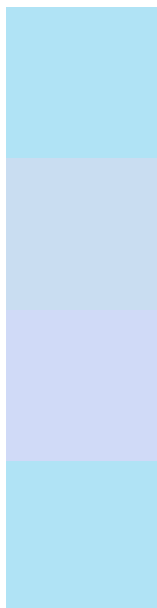
72.1016, 70.5346, 98.6213



Tritanopia

61.8550, 70.7608, 96.7843

Trichromacy



Original Color

61.8550, 70.7608, 96.7843

Protanomaly

65.8210, 70.4813, 93.3542

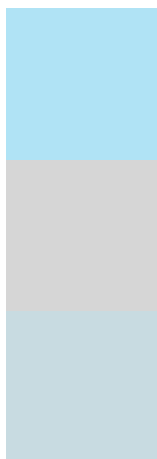
Deuteranomaly

67.8723, 70.2681, 97.9815

Tritanomaly

61.8550, 70.7608, 96.7843

Monochromacy



Original Color

61.8550, 70.7608, 96.7843

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7415, 68.3786, 81.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8550, 70.7608, 96.7843 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, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(176, 227, 245)  
}
```

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, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 227, 245) }
```

Border

The CSS property to change the border of an element to XYZ 61.8550, 70.7608, 96.7843 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, 227, 245) }
```


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

```
.border{ border-color:rgb(176, 227, 245) }
```

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

Here you see how a box with a 4 pixel rgb(176, 227, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(176, 227,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8550, 70.7608, 96.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 227, 245) }
```

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

```
.background{ background-color: rgb(176,  
227, 245) }
```

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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