

Converting Colors

XYZ(60.4515, 71.4594, 81.4607)

Have a look what the booklet for
XYZ(60.4515, 71.4594, 81.4607)
contains.

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Color

**XYZ(60.5738, 71.6787,
81.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E6E0
RGB	180, 230, 224
RGB Percent	71%, 90%, 88%
CMY	0.2941, 0.0980, 0.1216
CMYK	0.22, 0.00, 0.03, 0.10
HSL	173°, 50%, 80%
HSV	173°, 22%, 90%
XYZ	60.5738, 71.6787, 81.1638
YIQ	214.3660, -27.8740, -12.4660

Conversions

Conversions Part 2

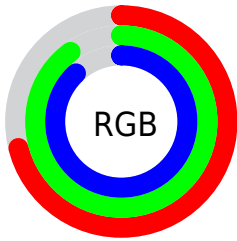
Format	Color
RYB	180, 207, 230
Decimal	11855584
CIELab	87.81, -17.19, -2.35
CIELCh	88, 17.352, 187.792
Yxy	71.6787, 0.2838, 0.3359
Android (android.graphics.Color)	4290045664 (0xFFB4E6E0)
YUV	214.3660, 4.7496, -30.1390
Hunter-Lab	84.6633, -20.4498, 2.4250

Details

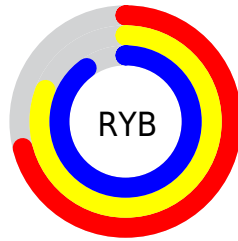
The XYZ color **60.5738, 71.6787, 81.1638** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.8199, 53.0128, 53.6426**, and the grayscale version is **64.1471, 67.4878, 73.4942**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **30.9017, 37.5723, 43.1596** is the 20% darker color. If you saturate the color by 10%, you get **55.2863, 68.9977, 78.9786**, and if you desaturate by 10%, it is **66.7600, 74.8260, 83.4258**.

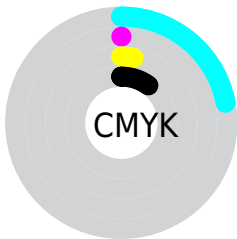
Distribution



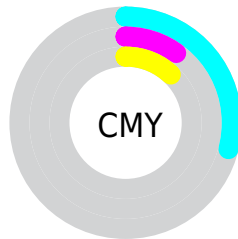
- Red (71%)
- Green (90%)
- Blue (88%)



- Red (71%)
- Yellow (81%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5738, 71.6787, 81.1638 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 60.5738, 71.6787, 81.1638 by changing the saturation by 10% instead.

60.5738, 71.6787,
81.1638

60.5738, 71.6787,
81.1638

416.5105,
466.4225, 518.6561

44.1325, 52.8963,
60.1447

104.7632,
121.5996, 136.8269

30.9731, 37.7200,
43.1092

133.2420,
153.5069, 172.3080

20.7301, 25.7654,
29.6388

166.4641,
190.5579, 213.4468

13.0382, 16.6482,
19.3149

204.7948,
233.1370, 260.6619

7.5320, 9.9840,
11.7189

248.5994,
281.6286, 314.3719

3.8463, 5.3884,
6.4324

298.2433,

1.6155, 2.4769,

336.4171, 374.9952

3.0367

354.0919,
397.8870, 442.9505

■ 0.4025, 0.8650,
1.1134

■ 0.0000, 0.0000,
0.0000

■ 60.5738, 71.6787,
81.1638

■ 60.5738, 71.6787,
81.1638

■ 55.2863, 68.9977,
78.9786

■ 66.7600, 74.8260,
83.4258

■ 50.8476, 66.7517,
76.8633


■ 73.8794, 78.4519,
85.7619


■ 47.2120, 64.9190,
74.8169


■ 81.9725, 82.5790,
88.1756


■ 44.3274, 63.4727,
72.8371


■ 84.5402, 83.8570,
90.3629


 42.1353, 62.3828,
70.9208


 84.9425, 84.0179,
92.4812


 40.5685, 61.6146,
69.0647

 85.3509, 84.1813,
94.6322

 39.5466, 61.1265,
67.2650

 85.7657, 84.3471,
96.8162

 39.0052, 60.8790,
65.8157

 86.1867, 84.5156,
99.0332

 86.6140, 84.6865,
101.2834

Harmonies

Analogous

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



61.0510, 71.6787, 69.7770



60.5738, 71.6787, 81.1638



62.0552, 71.6787, 92.7980

Triad

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



60.5738, 71.6787, 81.1638



73.1016, 71.6787, 97.3925



71.1683, 71.6787, 58.8610

Complementary

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



60.5738, 71.6787, 81.1638



57.8199, 53.0128, 53.6426

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.



74.5855, 71.6787, 64.9464



60.5738, 71.6787, 81.1638



75.7327, 71.6787, 86.9436

Square

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



60.5738, 71.6787, 81.1638



69.2086, 71.6787, 102.7641



76.2865, 71.6787, 75.0089



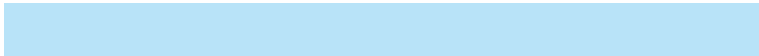
67.0596, 71.6787, 57.6479

Rectangle

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



60.5738, 71.6787, 81.1638



63.9908, 71.6787, 98.8699



76.2865, 71.6787, 75.0089



72.4407, 71.6787, 60.3727

Sweetspot

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



60.5759, 71.6816, 81.1654



88.4420, 96.6331, 106.7998



56.9493, 70.4147, 53.7714



18.8143, 20.6244, 22.8213



0.0000, 0.0000, 0.0000



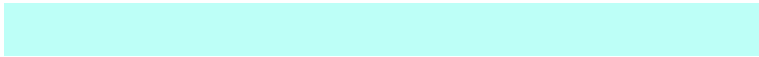
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5759, 71.6816, 81.1654



73.4667, 89.0184, 101.3386



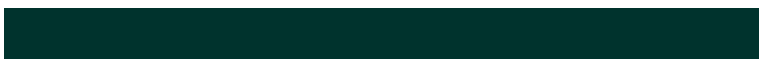
56.5678, 62.3395, 83.9175



14.7290, 16.3050, 18.1038



22.1119, 34.4769, 37.4192



1.6551, 2.5562, 2.8764

Inverse Universe

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



57.8199, 53.0128, 53.6426



69.4122, 61.5419, 60.8393



61.1442, 60.6614, 51.6677



14.4470, 14.3960, 15.2884



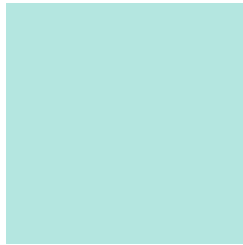
18.6144, 9.5800, 1.5986



1.3988, 0.7172, 0.2405

Previews

White Background



This preview shows how the XYZ color 60.5738, 71.6787, 81.1638 looks on a white background.

Color Contrast Check

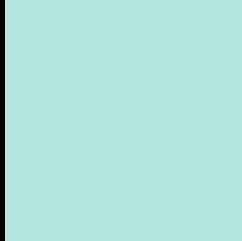
Large Text (above 18pt) WCAG AA × Fail

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 60.5738, 71.6787, 81.1638 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

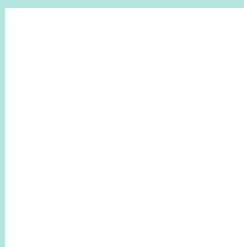
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5738, 71.6787, 81.1638

Background



This preview shows how black text looks on a background with the XYZ color 60.5738, 71.6787, 81.1638.

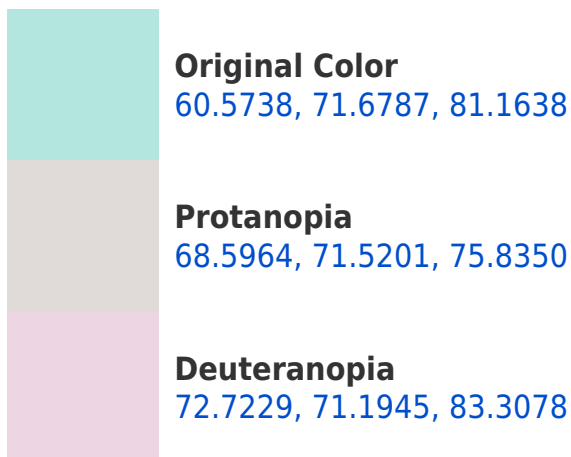


This preview shows how white text looks on a background with the XYZ color 60.5738, 71.6787,

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

63.7177, 71.7211, 96.8715

Trichromacy



Original Color

60.5738, 71.6787, 81.1638

Protanomaly

65.3184, 71.3526, 78.0399

Deuteranomaly

67.5155, 70.8080, 82.7819

Tritanomaly

62.5579, 71.6685, 90.6570

Monochromacy



Original Color

60.5738, 71.6787, 81.1638

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.6052, 68.8049, 76.3107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5738, 71.6787, 81.1638 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(180, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(180, 230, 224)  
}
```

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(180, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 230, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.5738, 71.6787, 81.1638 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(180, 230, 224) }
```


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

```
.border{ border-color:rgb(180, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(180, 230,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5738, 71.6787, 81.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 230, 224) }
```

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

```
.background{ background-color: rgb(180,  
230, 224) }
```

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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