

Converting Colors

XYZ(60.6827, 68.1561, 81.9984)

Have a look what the booklet for
XYZ(60.6827, 68.1561, 81.9984)
contains.

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Color

**XYZ(60.5702, 68.0227,
81.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDE2
RGB	189, 221, 226
RGB Percent	74%, 87%, 89%
CMY	0.2588, 0.1333, 0.1137
CMYK	0.16, 0.02, 0.00, 0.11
HSL	188°, 39%, 81%
HSV	188°, 16%, 89%
XYZ	60.5702, 68.0227, 81.8888
YIQ	212.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

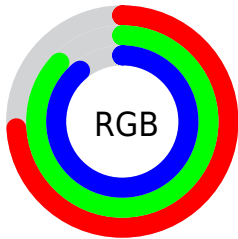
Format	Color
R _{YB}	189, 206, 226
Decimal	12443106
CIE Lab	86.02, -9.46, -5.99
CIE LCh	86, 11.195, 212.331
Yxy	68.0227, 0.2878, 0.3232
Android (android.graphics.Color)	4290633186 (0xFFBDDDE2)
YUV	212.0020, 6.9010, -20.1728
Hunter-Lab	82.4759, -13.2426, -1.1349

Details

The XYZ color **60.5702, 68.0227, 81.8888** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.8417, 58.4265, 56.2689**, and the grayscale version is **62.5477, 65.8050, 71.6617**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.9786, 35.3636, 43.7212** is the 20% darker color. If you saturate the color by 10%, you get **54.5971, 63.7597, 81.3819**, and if you desaturate by 10%, it is **67.4355, 72.7710, 82.4446**.

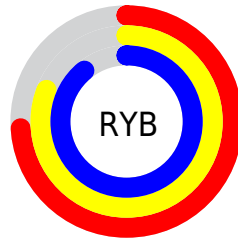
Distribution



Red (74%)

Green (87%)

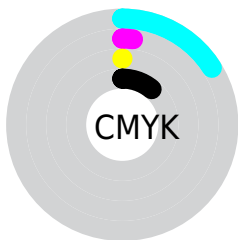
Blue (89%)



Red (74%)

Yellow (81%)

Blue (89%)

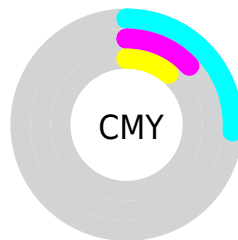


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5702, 68.0227, 81.8888 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 60.5702, 68.0227, 81.8888 by changing the saturation by 10% instead.

■ 60.5702, 68.0227,
81.8888

■ 60.5702, 68.0227,
81.8888

416.4975,
453.5764, 521.1493

■ 44.1296, 49.9162,
60.7386

■ 104.7580,
116.3846, 137.8533

■ 30.9708, 35.3468,
43.5851

133.2360,
147.4088, 173.5047

■ 20.7283, 23.9302,
30.0096

166.4571,
183.5077, 214.8270

■ 13.0369, 15.2818,
19.5938

204.7867,
225.0657, 262.2386

■ 7.5311, 9.0174,
11.9190

248.5902,
272.4672, 316.1581

■ 3.8457, 4.7525,
6.5667

298.2329,

■ 1.6152, 2.1028,

326.0965, 377.0040

3.1183

354.0802,
386.3382, 445.1949

■ 0.4023, 0.6662,
1.1554

■ 0.0000, 0.0000,
0.0000

■ 60.5702, 68.0227,
81.8888

■ 60.5702, 68.0227,
81.8888

■ 54.5971, 63.7597,
81.3819

■ 67.4355, 72.7710,
82.4446

■ 49.4697, 59.9525,
80.9173

■ 75.2249, 78.0157,
83.0463

■ 45.1466, 56.5815,
80.4944

■ 83.3094, 83.4346,
83.6662

■ 41.5802, 53.6220,
80.1112

■ 84.1671, 85.1499,
83.9521

■ 38.7178, 51.0467,
79.7649

■ 85.0397, 86.8952,
84.2430

■ 36.5001, 48.8250,
79.4530

■ 85.9274, 88.6705,
84.5388

■ 34.8575, 46.9207,
79.1720

■ 86.8302, 90.4760,
84.8398

■ 33.7028, 45.2890,
78.9179

■ 87.7481, 92.3119,
85.1457

■ 33.3503, 44.7362,
78.8298

■ 88.6813, 94.1783,
85.4568

Harmonies

Analogous

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



59.8441, 68.0227, 74.6418



60.5702, 68.0227, 81.8888



62.3875, 68.0227, 87.3092

Triad

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



60.5702, 68.0227, 81.8888



69.1262, 68.0227, 80.8282



64.4529, 68.0227, 60.8144

Complementary

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



60.5702, 68.0227, 81.8888



59.8417, 58.4265, 56.2689

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.



66.9738, 68.0227, 62.2331



60.5702, 68.0227, 81.8888



69.7140, 68.0227, 73.4914

Square

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



60.5702, 68.0227, 81.8888



67.3305, 68.0227, 86.6689



68.9164, 68.0227, 66.7564



62.0485, 68.0227, 62.7467

Rectangle

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



60.5702, 68.0227, 81.8888



63.9968, 68.0227, 88.9833



68.9164, 68.0227, 66.7564



65.3147, 68.0227, 60.9151

Sweetspot

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



60.5722, 68.0255, 81.8903



89.9669, 96.5678, 108.5054



57.9140, 69.1048, 61.2872



19.1091, 20.5691, 23.2130



0.0000, 0.0000, 0.0000



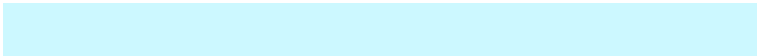
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5722, 68.0255, 81.8903



76.5538, 87.2612, 107.4160



55.9687, 58.8186, 80.3558



13.9505, 15.2400, 17.5940



19.0902, 25.6499, 44.9931



1.3675, 1.8664, 3.1334

Inverse Universe

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



62.6144, 57.7859, 76.2635



79.7936, 71.2300, 98.4414



64.2025, 67.1480, 57.7225



14.2112, 13.9021, 16.8824



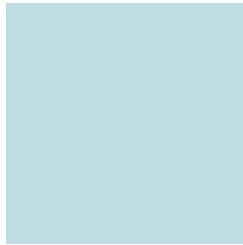
23.5760, 11.4974, 30.7628



1.6565, 0.8059, 2.2500

Previews

White Background



This preview shows how the XYZ color 60.5702, 68.0227, 81.8888 looks on a white background.

Color Contrast Check

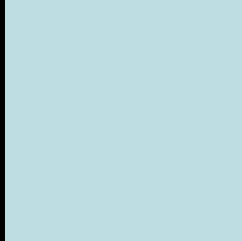
Large Text (above 18pt) WCAG AA × Fail

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 60.5702, 68.0227, 81.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

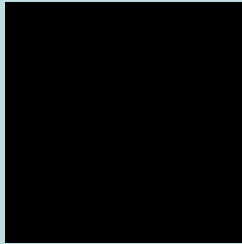
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

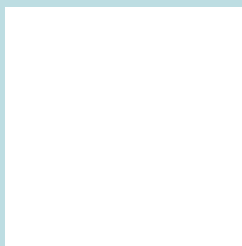
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5702, 68.0227, 81.8888

Background



This preview shows how black text looks on a background with the XYZ color 60.5702, 68.0227, 81.8888.

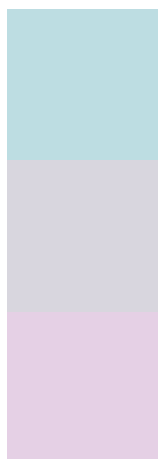


This preview shows how white text looks on a background with the XYZ color 60.5702, 68.0227,

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

60.5702, 68.0227, 81.8888

Protanopia

65.5503, 67.9660, 78.7711

Deuteranopia

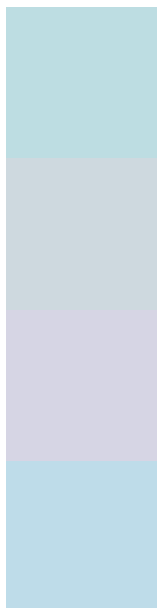
69.0118, 67.4269, 83.5061



Tritanopia

62.1034, 67.8538, 89.9447

Trichromacy



Original Color

60.5702, 68.0227, 81.8888

Protanomaly

63.5857, 68.0752, 79.6005

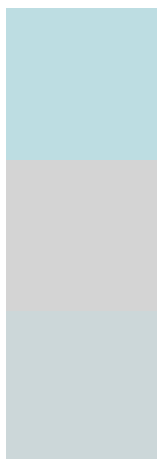
Deuteranomaly

65.5294, 67.4861, 82.9711

Tritanomaly

61.5364, 68.0167, 86.9760

Monochromacy



Original Color

60.5702, 68.0227, 81.8888

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.7267, 66.4480, 75.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5702, 68.0227, 81.8888 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(189, 221, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 221, 226)  
}
```

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(189, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 221, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.5702, 68.0227, 81.8888 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(189, 221, 226) }
```


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

```
.border{ border-color:rgb(189, 221, 226) }
```

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

Here you see how a box with a 4 pixel rgb(189, 221, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 221,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5702, 68.0227, 81.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 221, 226) }
```

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

```
.background{ background-color: rgb(189,  
221, 226) }
```

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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