

Converting Colors

XYZ(61.0136, 68.3695, 89.0418)

Have a look what the booklet for
XYZ(61.0136, 68.3695, 89.0418)
contains.

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Color

**XYZ(61.2692, 68.6130,
89.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DEEC
RGB	185, 222, 236
RGB Percent	73%, 87%, 93%
CMY	0.2745, 0.1294, 0.0745
CMYK	0.22, 0.06, 0.00, 0.07
HSL	196°, 57%, 83%
HSV	196°, 22%, 93%
XYZ	61.2692, 68.6130, 89.3713
YIQ	212.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

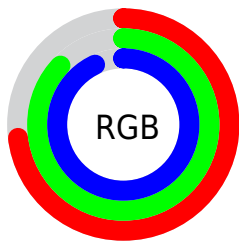
Format	Color
R _{YB}	185, 206, 236
Decimal	12181228
CIE Lab	86.31, -9.08, -10.86
CIE LCh	86, 14.154, 230.102
Yxy	68.6130, 0.2794, 0.3129
Android (android.graphics.Color)	4290371308 (0xFFB9DEEC)
YUV	212.5330, 11.5692, -24.1464
Hunter-Lab	82.8330, -12.9263, -5.9869

Details

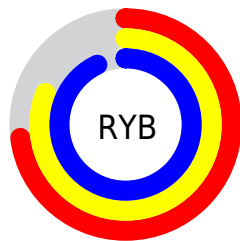
The XYZ color **61.2692, 68.6130, 89.3713** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.7731, 62.1827, 54.5416**, and the grayscale version is **62.8737, 66.1480, 72.0352**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.4170, 35.7580, 48.4262** is the 20% darker color. If you saturate the color by 10%, you get **54.3547, 62.5450, 88.5656**, and if you desaturate by 10%, it is **69.1989, 75.3059, 90.2463**.

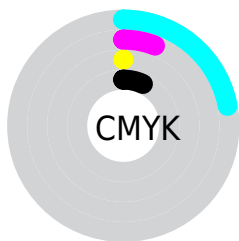
Distribution



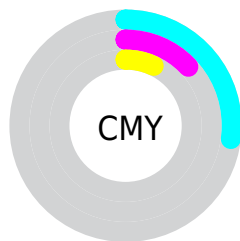
- Red (73%)
- Green (87%)
- Blue (93%)



- Red (73%)
- Yellow (81%)
- Blue (93%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2692, 68.6130, 89.3713 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 61.2692, 68.6130, 89.3713 by changing the saturation by 10% instead.

■ 61.2692, 68.6130,
89.3713

■ 61.2692, 68.6130,
89.3713

419.0205,
455.6649, 546.5008

■ 44.6958, 50.3966,
66.8885

■ 105.7645,
117.2287, 148.3927

■ 31.4182, 35.7286,
48.5330

134.4172,
148.3967, 185.7684

■ 21.0709, 24.2247,
33.8862

167.8270,
184.6507, 228.9455

■ 13.2886, 15.5004,
22.5295

206.3593,
226.3752, 278.3425

■ 7.7059, 9.1713,
14.0445

250.3794,
273.9544, 334.3780

■ 3.9576, 4.8531,
8.0125

300.2528,

■ 1.6782, 2.1613,

327.7729, 397.4706

4.0151

356.3447,
388.2149, 468.0386

■ 0.4425, 0.6988,
1.6336

■ 0.0000, 0.0000,
0.3146

■ 61.2692, 68.6130,
89.3713

■ 61.2692, 68.6130,
89.3713

■ 54.3547, 62.5450,
88.5656

■ 69.1989, 75.3059,
90.2463

■ 48.4019, 57.0682,
87.8222

■ 78.1818, 82.6392,
91.1884

■ 43.3615, 52.1576,
87.1401

■ 87.9651, 90.4853,
92.1872

■ 39.1773, 47.7832,
86.5162

■ 89.9213, 94.3978,
92.8392

■ 35.7863, 43.9114,
85.9476

■ 91.9464, 98.4480,
93.5143

■ 33.1164, 40.5038,
85.4306

■ 92.1405, 98.8362,
93.5790

■ 31.0809, 37.5146,
84.9609

■ 29.7468, 35.2688,
84.5978

Harmonies

Analogous

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



59.4937, 68.6130, 81.0606



61.2692, 68.6130, 89.3713



64.1411, 68.6130, 93.8610

Triad

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



61.2692, 68.6130, 89.3713



71.5981, 68.6130, 77.8421



63.0802, 68.6130, 59.0604

Complementary

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



61.2692, 68.6130, 89.3713



63.7731, 62.1827, 54.5416

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.



66.3000, 68.6130, 58.3555



61.2692, 68.6130, 89.3713



71.2910, 68.6130, 68.6961

Square

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



61.2692, 68.6130, 89.3713



70.1516, 68.6130, 86.8469



69.3258, 68.6130, 61.7431



60.5148, 68.6130, 63.7562

Rectangle

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



61.2692, 68.6130, 89.3713



66.3222, 68.6130, 93.8481



69.3258, 68.6130, 61.7431



64.1194, 68.6130, 58.3649

Sweetspot

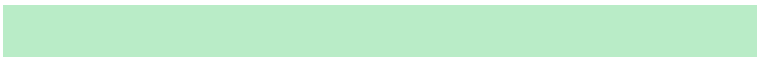
The Sweet Spot groups the original color and five complimentary colors.



61.2712, 68.6158, 89.3729



88.3184, 94.5628, 108.2053



60.2668, 74.4115, 64.9775



18.7530, 20.1173, 23.1446



0.0000, 0.0000, 0.0000



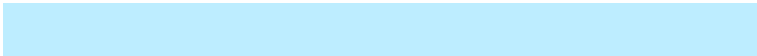
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2712, 68.6158, 89.3729



69.1893, 78.4552, 106.1044



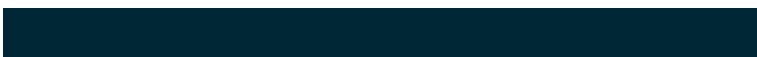
55.0928, 56.2590, 87.3134



15.1479, 16.3821, 19.2859



16.5103, 19.6676, 46.6690



1.3760, 1.7035, 3.6912

Inverse Universe

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



65.1275, 57.8063, 76.8356



74.6305, 63.6292, 88.3186



70.0328, 74.7020, 56.6282



15.5282, 15.2391, 18.0667



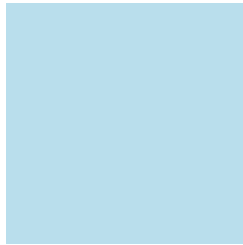
23.1889, 11.4783, 22.5941



1.8611, 0.9174, 1.9857

Previews

White Background



This preview shows how the XYZ color 61.2692, 68.6130, 89.3713 looks on a white background.

Color Contrast Check

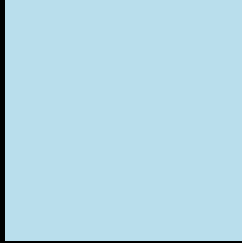
Large Text (above 18pt) WCAG AA × Fail

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 61.2692, 68.6130, 89.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

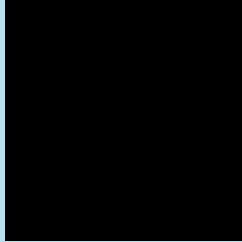
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2692, 68.6130, 89.3713

Background



This preview shows how black text looks on a background with the XYZ color 61.2692, 68.6130, 89.3713.

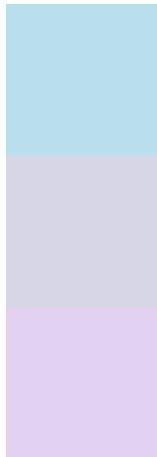


This preview shows how white text looks on a background with the XYZ color 61.2692, 68.6130,

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

61.2692, 68.6130, 89.3713

Protanopia

66.4947, 68.3097, 85.2818

Deuteranopia

69.9906, 68.4939, 91.1931



Tritanopia

61.6861, 68.3840, 91.6096

Trichromacy



Original Color

61.2692, 68.6130, 89.3713

Protanomaly

64.4227, 68.3463, 86.8875

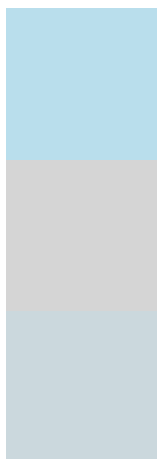
Deuteranomaly

66.3432, 68.1151, 90.5398

Tritanomaly

61.5388, 68.3251, 90.8335

Monochromacy



Original Color

61.2692, 68.6130, 89.3713

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2356, 67.0287, 78.0643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2692, 68.6130, 89.3713 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(185, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(185, 222, 236)  
}
```

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(185, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 222, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.2692, 68.6130, 89.3713 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(185, 222, 236) }
```


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

```
.border{ border-color:rgb(185, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(185, 222,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2692, 68.6130, 89.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 222, 236) }
```

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

```
.background{ background-color: rgb(185,  
222, 236) }
```

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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