

Converting Colors

XYZ(60.5284, 69.1716, 82.8343)

Have a look what the booklet for
XYZ(60.5284, 69.1716, 82.8343)
contains.

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Color

**XYZ(60.5284, 69.1716,
82.8343)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E0E3
RGB	185, 224, 227
RGB Percent	73%, 88%, 89%
CMY	0.2745, 0.1216, 0.1098
CMYK	0.19, 0.01, 0.00, 0.11
HSL	184°, 43%, 81%
HSV	184°, 19%, 89%
XYZ	60.5284, 69.1716, 82.8343
YIQ	212.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

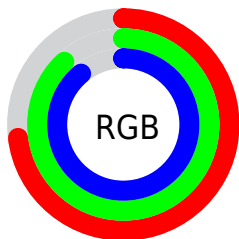
Format	Color
R_{YB}	185, 205, 227
Decimal	12181731
CIE _{Lab}	86.59, -12.02, -5.70
CIE _{LCh}	87, 13.303, 205.369
Yxy	69.1716, 0.2848, 0.3255
Android (android.graphics.Color)	4290371811 (0xFFB9E0E3)
YUV	212.6810, 7.0593, -24.2762
Hunter-Lab	83.1695, -15.6393, -0.8324

Details

The XYZ color **60.5284, 69.1716, 82.8343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.4194, 55.8004, 53.5919**, and the grayscale version is **63.0004, 66.2813, 72.1803**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.9944, 36.1798, 44.3795** is the 20% darker color. If you saturate the color by 10%, you get **55.0507, 65.7063, 82.4553**, and if you desaturate by 10%, it is **66.8886, 73.1016, 83.2588**.

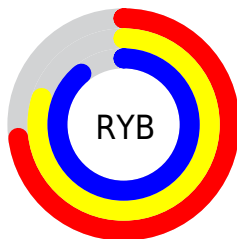
Distribution



Red (73%)

Green (88%)

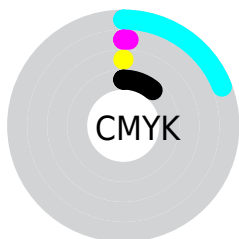
Blue (89%)



Red (73%)

Yellow (80%)

Blue (89%)

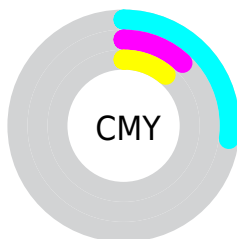


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5284, 69.1716, 82.8343 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 60.5284, 69.1716, 82.8343 by changing the saturation by 10% instead.

■ 60.5284, 69.1716,
82.8343

■ 60.5284, 69.1716,
82.8343

416.3463,
457.6360, 524.3906

■ 44.0958, 50.8515,
61.5136

■ 104.6978,
118.0266, 139.1905

■ 30.9440, 36.0904,
44.2066

133.1653,
149.3303, 175.0632

■ 20.7079, 24.5040,
30.4946

166.3750,
185.7307, 216.6236

■ 13.0219, 15.7079,
19.9590

204.6925,
227.6121, 264.2902

■ 7.5207, 9.3177,
12.1815

248.4830,
275.3589, 318.4818

■ 3.8390, 4.9490,
6.7434

298.1119,

■ 1.6115, 2.2174,

329.3556, 379.6166

3.2261

353.9446,
389.9865, 448.1134

■ 0.3999, 0.7294,
1.2112

■ 0.0000, 0.0000,
0.0000

■ 60.5284, 69.1716,
82.8343

■ 60.5284, 69.1716,
82.8343

■ 55.0507, 65.7063,
82.4553

■ 66.8886, 73.1016,
83.2588

■ 50.4080, 62.6758,
82.1150


■ 74.1639, 77.5078,
83.7258


■ 46.5576, 60.0598,
81.8130

■ 82.3927, 82.4116,
84.2386


■ 43.4505, 57.8332,
81.5470


■ 83.5371, 83.6696,
84.4211


 41.0323, 55.9678,
81.3144


 83.9912, 84.5779,
84.5725


 39.2412, 54.4317,
81.1123


 84.4496, 85.4947,
84.7253


 38.0040, 53.1872,
80.9373

 84.9122, 86.4199,
84.8795

 37.2134, 52.1790,
80.7844

 85.3790, 87.3535,
85.0351

 37.1105, 52.0365,
80.7623

 85.8501, 88.2956,
85.1921

Harmonies

Analogous

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



60.0067, 69.1716, 73.9524



60.5284, 69.1716, 82.8343



62.4308, 69.1716, 90.1824

Triad

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



60.5284, 69.1716, 82.8343



70.7499, 69.1716, 85.3921



66.2258, 69.1716, 59.6158

Complementary

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



60.5284, 69.1716, 82.8343



58.4194, 55.8004, 53.5919

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.



69.1756, 69.1716, 62.1805



60.5284, 69.1716, 82.8343



71.8391, 69.1716, 76.6964

Square

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



60.5284, 69.1716, 82.8343



68.3208, 69.1716, 91.7384



71.2542, 69.1716, 68.2672



63.2358, 69.1716, 60.9809

Rectangle

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



60.5284, 69.1716, 82.8343



64.2581, 69.1716, 92.9846



71.2542, 69.1716, 68.2672



67.2558, 69.1716, 60.0408

Sweetspot

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



60.5304, 69.1744, 82.8359



89.2961, 96.5181, 108.5312



56.5336, 68.8760, 57.7802



18.9847, 20.5807, 23.2218



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.



60.5304, 69.1744, 82.8359



76.0728, 88.3407, 107.6497



55.2773, 58.6682, 81.0848



14.7148, 16.1510, 18.4862



21.6792, 30.4204, 47.1123



1.6285, 2.3010, 3.4903

Inverse Universe

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



62.4837, 56.4122, 78.1196



79.0525, 69.0257, 100.4208



63.1882, 65.3379, 55.1815



14.9484, 14.5965, 17.9286



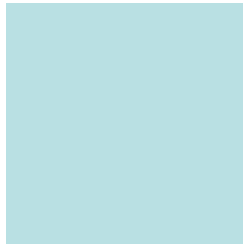
25.3362, 12.2687, 36.9947



1.8856, 0.9120, 2.8043

Previews

White Background



This preview shows how the XYZ color 60.5284, 69.1716, 82.8343 looks on a white background.

Color Contrast Check

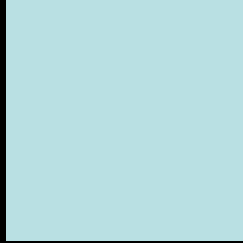
Large Text (above 18pt) WCAG AA × Fail

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 60.5284, 69.1716, 82.8343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

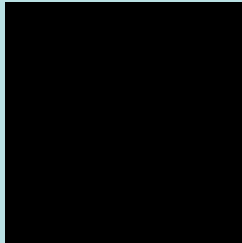
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

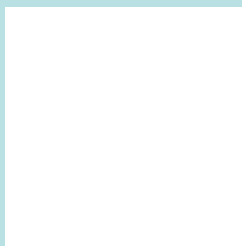
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5284, 69.1716, 82.8343

Background



This preview shows how black text looks on a background with the XYZ color 60.5284, 69.1716, 82.8343.

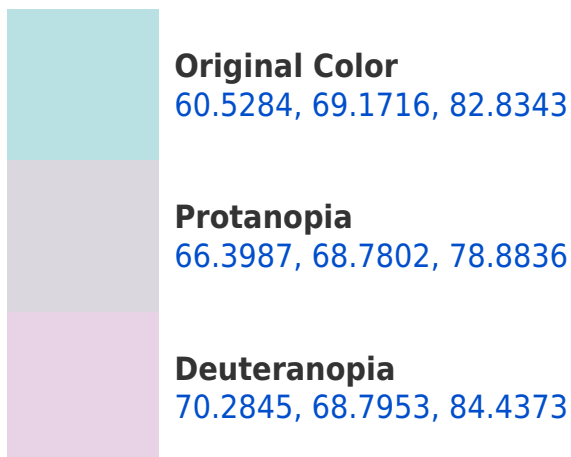


This preview shows how white text looks on a background with the XYZ color 60.5284, 69.1716,

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

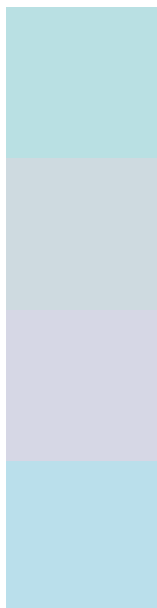




Tritanopia

62.3430, 69.0986, 92.4896

Trichromacy



Original Color

60.5284, 69.1716, 82.8343

Protanomaly

63.9795, 68.6464, 80.3990

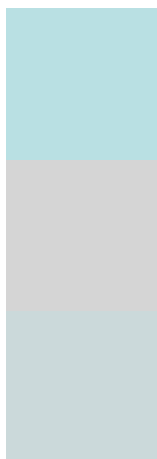
Deuteranomaly

66.1749, 68.5542, 83.8732

Tritanomaly

61.6328, 69.2126, 88.7082

Monochromacy



Original Color

60.5284, 69.1716, 82.8343

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0963, 67.3842, 76.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5284, 69.1716, 82.8343 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, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 227)  
}
```

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, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.5284, 69.1716, 82.8343 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, 224, 227) }
```


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

```
.border{ border-color:rgb(185, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5284, 69.1716, 82.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 227) }
```

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

```
.background{ background-color: rgb(185,  
224, 227) }
```

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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