

Converting Colors

XYZ(60.5176, 71.2782, 84.8207)

Have a look what the booklet for
XYZ(60.5176, 71.2782, 84.8207)
contains.

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Color

**XYZ(60.5223, 71.1607,
84.6743)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E5E5
RGB	178, 229, 229
RGB Percent	70%, 90%, 90%
CMY	0.3019, 0.1019, 0.1020
CMYK	0.22, 0.00, 0.00, 0.10
HSL	180°, 50%, 80%
HSV	180°, 22%, 90%
XYZ	60.5223, 71.1607, 84.6743
YIQ	213.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

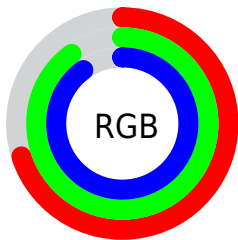
Format	Color
RYB	178, 204, 229
Decimal	11724261
CIELab	87.56, -16.23, -5.36
CIELCh	88, 17.096, 198.280
Yxy	71.1607, 0.2797, 0.3289
Android (android.graphics.Color)	4289914341 (0xFFB2E5E5)
YUV	213.7510, 7.5178, -31.3536
Hunter-Lab	84.3568, -19.5585, -0.4634

Details

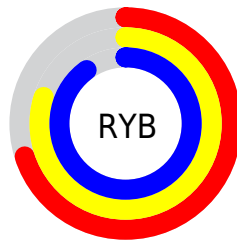
The XYZ color **60.5223, 71.1607, 84.6743** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2719, 51.7153, 49.1386**, and the grayscale version is **63.7165, 67.0348, 73.0008**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.8957, 37.2282, 45.6018** is the 20% darker color. If you saturate the color by 10%, you get **55.7007, 68.6769, 84.4493**, and if you desaturate by 10%, it is **66.2252, 74.1025, 84.9436**.

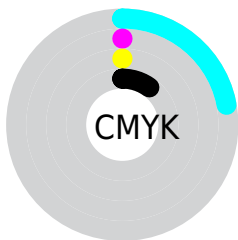
Distribution



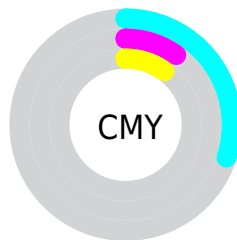
- Red (70%)
- Green (90%)
- Blue (90%)



- Red (70%)
- Yellow (80%)
- Blue (90%)



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



- Cyan (30%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5223, 71.1607, 84.6743 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 60.5223, 71.1607, 84.6743 by changing the saturation by 10% instead.

60.5223, 71.1607,
84.6743

60.5223, 71.1607,
84.6743

416.3242,
464.6150, 530.6662

44.0908, 52.4734,
63.0237

104.6890,
120.8625, 141.7882

30.9401, 37.3825,
45.4193

133.1549,
152.6458, 178.0885

20.7049, 25.5038,
31.4424

166.3631,
189.5631, 220.1091

13.0197, 16.4528,
20.6747

204.6788,
231.9989, 268.2687

7.5192, 9.8451,
12.6975

248.4674,
280.3377, 322.9856

3.8381, 5.2964,
7.0923

298.0943,

1.6109, 2.4222,

334.9636, 384.6784

3.4406

353.9248,
396.2613, 453.7658

■ 0.3995, 0.8373,
1.3238

■ 0.0000, 0.0000,
0.0811

■ 60.5223, 71.1607,
84.6743

■ 60.5223, 71.1607,
84.6743

■ 55.7007, 68.6769,
84.4493

■ 66.2252, 74.1025,
84.9436

■ 51.7106, 66.6200,
84.2616

■ 72.8436, 77.5144,
85.2542

■ 48.5069, 64.9684,
84.1108

■ 80.4177, 81.4189,
85.6096

■ 46.0377, 63.6955,
83.9944

■ 83.4043, 82.9586,
85.7503

44.2448, 62.7713,
83.9095

83.4045, 82.9586,
85.7512

43.0612, 62.1611,
83.8533

83.4046, 82.9587,
85.7521

42.4063, 61.8235,
83.8217

83.4048, 82.9588,
85.7530

42.1623, 61.6977,
83.8096

83.4050, 82.9588,
85.7539

83.4052, 82.9589,
85.7548

Harmonies

Analogous

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



60.3088, 71.1607, 73.0484



60.5223, 71.1607, 84.6743



62.5952, 71.1607, 95.3091

Triad

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



60.5223, 71.1607, 84.6743



73.6038, 71.1607, 93.2567



69.2270, 71.1607, 57.6693

Complementary

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



60.5223, 71.1607, 84.6743



56.2719, 51.7153, 49.1386

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.



72.9406, 71.1607, 62.0291



60.5223, 71.1607, 84.6743



75.5340, 71.1607, 82.0913

Square

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



60.5223, 71.1607, 84.6743



70.1030, 71.1607, 100.5940



75.2866, 71.1607, 70.7088



65.2278, 71.1607, 58.2123

Rectangle

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



60.5223, 71.1607, 84.6743



64.8008, 71.1607, 100.0511



75.2866, 71.1607, 70.7088



70.5529, 71.1607, 58.5908

Sweetspot

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



60.5244, 71.1636, 84.6759



88.7850, 96.7703, 108.6060



54.6131, 68.8217, 52.5265



18.8940, 20.6563, 23.2410



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.



60.5244, 71.1636, 84.6759



74.0956, 89.1977, 107.9162



54.1813, 58.4768, 82.5634



14.8075, 16.3364, 18.5170



24.1053, 35.2742, 47.9162



1.7813, 2.6066, 3.5409

Inverse Universe

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



56.2719, 51.7153, 49.1386



67.7098, 59.9928, 54.5512



61.6249, 62.4216, 50.9216



14.3771, 14.3680, 14.9202



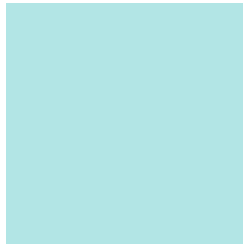
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 60.5223, 71.1607, 84.6743 looks on a white background.

Color Contrast Check

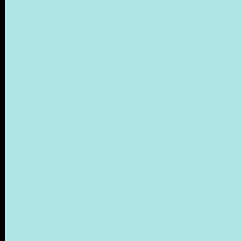
Large Text (above 18pt) WCAG AA × Fail

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 60.5223, 71.1607, 84.6743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

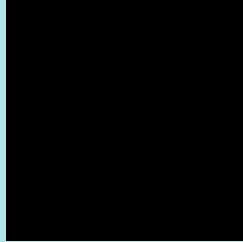
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5223, 71.1607, 84.6743

Background



This preview shows how black text looks on a background with the XYZ color 60.5223, 71.1607, 84.6743.

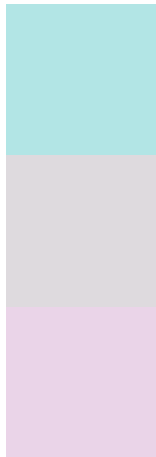


This preview shows how white text looks on a background with the XYZ color 60.5223, 71.1607,

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

60.5223, 71.1607, 84.6743

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

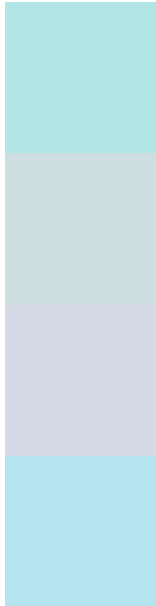
72.0407, 70.4056, 86.1366



Tritanopia

63.0066, 71.3545, 96.8382

Trichromacy



Original Color

60.5223, 71.1607, 84.6743

Protanomaly

65.1655, 70.8006, 81.4655

Deuteranomaly

67.2268, 70.2085, 85.6097

Tritanomaly

62.1458, 71.4221, 92.1718

Monochromacy



Original Color

60.5223, 71.1607, 84.6743

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2051, 68.1950, 76.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5223, 71.1607, 84.6743 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(178, 229, 229)` looks like.

```
.text, #text, p{  
    color:rgb(178, 229, 229)  
}
```

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(178, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.5223, 71.1607, 84.6743 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(178, 229, 229) }
```


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

```
.border{ border-color:rgb(178, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(178, 229,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5223, 71.1607, 84.6743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 229, 229) }
```

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

```
.background{ background-color: rgb(178,  
229, 229) }
```

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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