

Converting Colors

XYZ(61.6179, 70.7215, 85.7253)

Have a look what the booklet for
XYZ(61.6179, 70.7215, 85.7253)
contains.

XYZ(61.9005, 71.0220, 86.0474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.9005, 71.0220,
86.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E3E7
RGB	185, 227, 231
RGB Percent	73%, 89%, 91%
CMY	0.2745, 0.1098, 0.0941
CMYK	0.20, 0.02, 0.00, 0.09
HSL	185°, 49%, 82%
HSV	185°, 20%, 91%
XYZ	61.9005, 71.0220, 86.0474
YIQ	214.8980, -26.3160, -7.6600

Conversions

Conversions Part 2

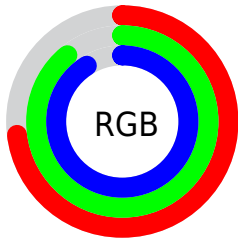
Format	Color
R _Y B	185, 207, 231
Decimal	12182503
CIE Lab	87.50, -12.70, -6.47
CIE LCh	87, 14.254, 206.982
Yxy	71.0220, 0.2827, 0.3243
Android (android.graphics.Color)	4290372583 (0xFFB9E3E7)
YUV	214.8980, 7.9383, -26.2205
Hunter-Lab	84.2746, -16.3704, -1.5451

Details

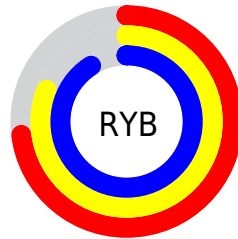
The XYZ color **61.9005, 71.0220, 86.0474** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.9102, 56.8871, 53.7231**, and the grayscale version is **64.4847, 67.8430, 73.8810**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.8505, 37.4255, 46.1026** is the 20% darker color. If you saturate the color by 10%, you get **56.2290, 67.2898, 85.6271**, and if you desaturate by 10%, it is **68.4879, 75.2396, 86.5154**.

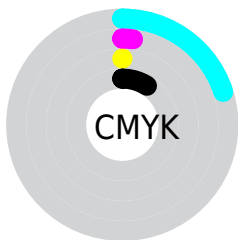
Distribution



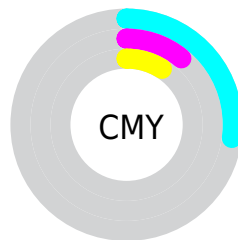
- Red (73%)
- Green (89%)
- Blue (91%)



- Red (73%)
- Yellow (81%)
- Blue (91%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9005, 71.0220, 86.0474 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 61.9005, 71.0220, 86.0474 by changing the saturation by 10% instead.

61.9005, 71.0220,
86.0474

61.9005, 71.0220,
86.0474

421.2914,
464.1303, 535.3222

45.2076, 52.3602,
64.1521

106.6725,
120.6650, 143.7228

31.8230, 37.2922,
46.3269

135.4822,
152.4150, 180.3399

21.3812, 25.4338,
32.1533

169.0617,
189.2965, 222.7013

13.5170, 16.4006,
21.2128

207.7762,
231.6939, 271.2256

7.8649, 9.8080,
13.0869

251.9910,
279.9916, 326.3313

4.0597, 5.2719,
7.3570

302.0716,

1.7360, 2.4076,

334.5740, 388.4369

3.6045

358.3833,
395.8254, 457.9610

■ 0.4786, 0.8298,
1.4110

■ 0.0000, 0.0000,
0.1503

■ 61.9005, 71.0220,
86.0474

■ 61.9005, 71.0220,
86.0474

■ 56.2290, 67.2898,
85.6271

■ 68.4879, 75.2396,
86.5154

■ 51.4235, 64.0117,
85.2476

■ 76.0258, 79.9548,
87.0283

■ 47.4389, 61.1661,
84.9084

■ 84.5544, 85.1903,
87.5893

■ 44.2232, 58.7264,
84.6070

■ 85.3819, 86.4654,
87.7918

■ 41.7188, 56.6628,
84.3406

■ 85.9600, 87.6215,
87.9845

■ 39.8595, 54.9410,
84.1063

■ 86.5445, 88.7906,
88.1794

■ 38.5670, 53.5208,
83.9003

■ 87.1356, 89.9728,
88.3764

■ 37.7076, 52.3331,
83.7163

■ 87.7333, 91.1681,
88.5756

■ 37.7008, 52.3231,
83.7148

■ 88.3375, 92.3765,
88.7770

Harmonies

Analogous

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



61.2465, 71.0220, 76.3593



61.9005, 71.0220, 86.0474



64.0394, 71.0220, 93.9338

Triad

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



61.9005, 71.0220, 86.0474



73.0767, 71.0220, 87.8748



67.8455, 71.0220, 60.2618

Complementary

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



61.9005, 71.0220, 86.0474



59.9102, 56.8871, 53.7231

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.



71.0920, 71.0220, 62.8095



61.9005, 71.0220, 86.0474



74.1745, 71.0220, 78.3107

Square

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



61.9005, 71.0220, 86.0474



70.4829, 71.0220, 95.0490



73.4365, 71.0220, 69.2238



64.6108, 71.0220, 61.9640

Rectangle

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



61.9005, 71.0220, 86.0474



66.0572, 71.0220, 96.8281



73.4365, 71.0220, 69.2238



68.9724, 71.0220, 60.6441

Sweetspot

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



61.9026, 71.0249, 86.0490



89.2208, 96.3675, 108.5061



57.7520, 71.1343, 58.7372



18.9668, 20.5450, 23.2159



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.



61.9026, 71.0249, 86.0490



74.3338, 86.8368, 107.4511



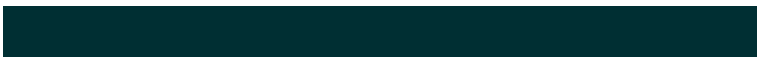
56.0652, 59.3502, 84.1032



14.6947, 16.1109, 18.4795



21.1816, 29.4253, 46.9464



1.5969, 2.2377, 3.4797

Inverse Universe

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



64.1708, 57.2345, 80.3416



77.6928, 66.6368, 98.9488



65.2151, 67.4967, 55.4913



14.9383, 14.5925, 17.8753



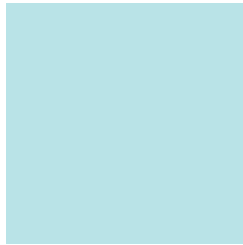
25.0850, 12.1682, 35.6721



1.8697, 0.9056, 2.7202

Previews

White Background



This preview shows how the XYZ color 61.9005, 71.0220, 86.0474 looks on a white background.

Color Contrast Check

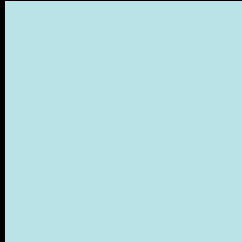
Large Text (above 18pt) WCAG AA × Fail

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 61.9005, 71.0220, 86.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

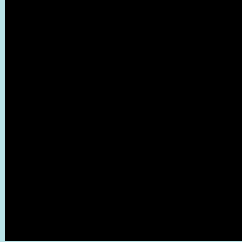
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9005, 71.0220, 86.0474

Background



This preview shows how black text looks on a background with the XYZ color 61.9005, 71.0220, 86.0474.

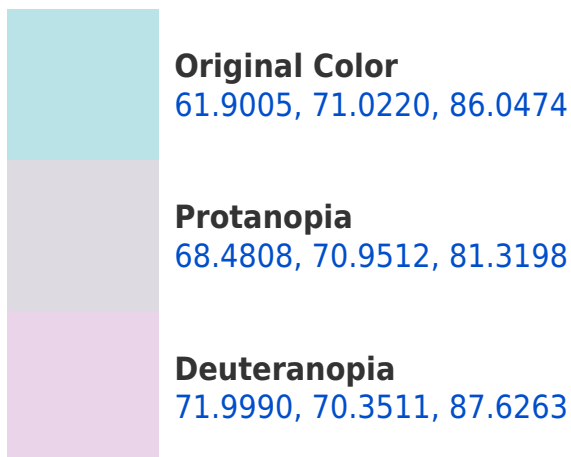


This preview shows how white text looks on a background with the XYZ color 61.9005, 71.0220,

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

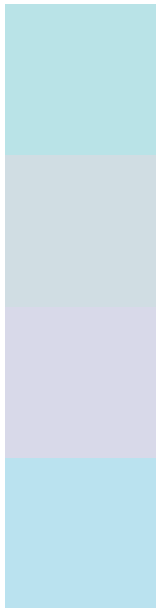




Tritanopia

63.5964, 70.8863, 95.1246

Trichromacy



Original Color

61.9005, 71.0220, 86.0474

Protanomaly

65.7340, 70.6689, 82.8489

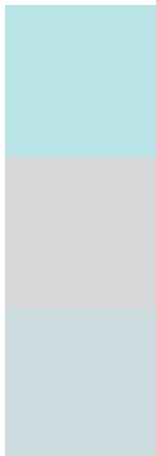
Deuteranomaly

67.8397, 70.1078, 87.0474

Tritanomaly

63.0260, 71.0638, 92.0562

Monochromacy



Original Color

61.9005, 71.0220, 86.0474

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.2845, 68.7209, 78.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9005, 71.0220, 86.0474 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, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(185, 227, 231)  
}
```

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, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 227, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.9005, 71.0220, 86.0474 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, 227, 231) }
```


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

```
.border{ border-color:rgb(185, 227, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 227, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(185, 227,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9005, 71.0220, 86.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 227, 231) }
```

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

```
.background{ background-color: rgb(185,  
227, 231) }
```

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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