

Converting Colors

XYZ(57.6914, 69.1369, 71.5221)

Have a look what the booklet for
XYZ(57.6914, 69.1369, 71.5221)
contains.

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Color

**XYZ(57.6923, 69.1750,
71.2842)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E3D2
RGB	179, 227, 210
RGB Percent	70%, 89%, 82%
CMY	0.2980, 0.1098, 0.1765
CMYK	0.21, 0.00, 0.07, 0.11
HSL	159°, 46%, 80%
HSV	159°, 21%, 89%
XYZ	57.6923, 69.1750, 71.2842
YIQ	210.7100, -23.1510, -15.4630

Conversions

Conversions Part 2

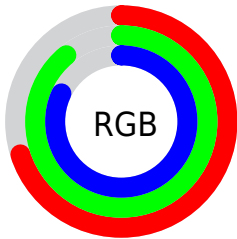
Format	Color
RYB	179, 208, 227
Decimal	11789266
CIELab	86.59, -18.85, 3.22
CIELCh	87, 19.127, 170.316
Yxy	69.1750, 0.2912, 0.3491
Android (android.graphics.Color)	4289979346 (0xFFB3E3D2)
YUV	210.7100, -0.3500, -27.8097
Hunter-Lab	83.1715, -21.7328, 7.4041

Details

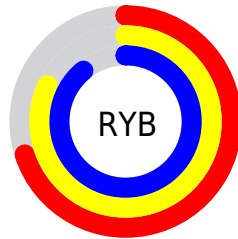
The XYZ color **57.6923, 69.1750, 71.2842** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7648, 52.5583, 59.3276**, and the grayscale version is **61.7402, 64.9555, 70.7366**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **29.2107, 36.2653, 36.9128** is the 20% darker color. If you saturate the color by 10%, you get **51.8951, 66.3012, 65.9152**, and if you desaturate by 10%, it is **64.4074, 72.5200, 76.9619**.

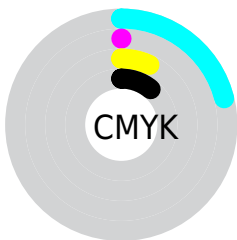
Distribution



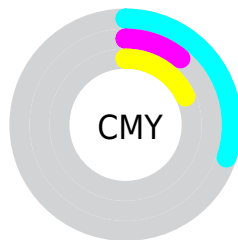
- Red (70%)
- Green (89%)
- Blue (82%)



- Red (70%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6923, 69.1750, 71.2842 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 57.6923, 69.1750, 71.2842 by changing the saturation by 10% instead.

■ 57.6923, 69.1750,
71.2842

■ 57.6923, 69.1750,
71.2842

406.0108,
457.6479, 483.9567

■ 41.8036, 50.8542,
52.0909

■ 100.6002,
118.0315, 122.7365

■ 29.1380, 36.0926,
36.6948

128.3501,
149.3360, 155.8327

■ 19.3300, 24.5057,
24.6773

160.7845,
185.7373, 194.4001

■ 12.0144, 15.7092,
15.6200

198.2687,
227.6196, 238.8575

■ 6.8258, 9.3186,
9.1042

241.1681,
275.3674, 289.6233

■ 3.3987, 4.9496,
4.7115


289.8480,


■ 1.3680, 2.2177,


329.3652, 347.1161


2.0232


344.6737,
389.9972, 411.7544

 0.2332, 0.7296,
0.5695


 0.0000, 0.0000,
0.0000


 57.6923, 69.1750,
71.2842


 57.6923, 69.1750,
71.2842


 51.8951, 66.3012,
65.9152


 64.4074, 72.5200,
76.9619


 46.9670, 63.8678,
60.8444

 72.0747, 76.3480,
82.9491

 42.8635, 61.8538,
56.0672

 80.7336, 80.6813,
89.2530

 39.5335, 60.2331,
51.5774

 84.7621, 82.6214,
95.6140

■ 36.9202, 58.9763,
47.3680

■ 85.9979, 83.1157,
102.1215

■ 34.9583, 58.0500,
43.4319

■ 86.7604, 83.4207,
106.1368

■ 33.5701, 57.4142,
39.7612

■ 32.7053, 57.0347,
36.7238

Harmonies

Analogous

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



59.3992, 69.1750, 60.7703



57.6923, 69.1750, 71.2842



58.0682, 69.1750, 84.1257

Triad

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



57.6923, 69.1750, 71.2842



68.7556, 69.1750, 100.6355



71.3484, 69.1750, 58.0375

Complementary

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



57.6923, 69.1750, 71.2842



57.7648, 52.5583, 59.3276

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.



74.0784, 69.1750, 67.1509



57.6923, 69.1750, 71.2842



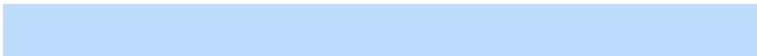
72.5354, 69.1750, 92.0239

Square

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



57.6923, 69.1750, 71.2842



64.3241, 69.1750, 102.0638



74.5224, 69.1750, 79.5049



67.1943, 69.1750, 53.7105

Rectangle

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



57.6923, 69.1750, 71.2842



59.4558, 69.1750, 92.2603



74.5224, 69.1750, 79.5049



72.4708, 69.1750, 60.5913

Sweetspot

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



57.6942, 69.1779, 71.2858



88.7830, 96.8686, 104.1163



58.5293, 70.0122, 53.0776



18.8632, 20.6640, 22.1756



0.0000, 0.0000, 0.0000



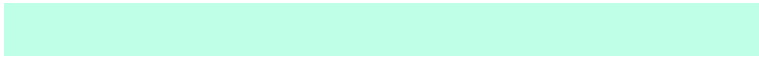
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6942, 69.1779, 71.2858



71.9339, 88.4789, 89.9434



58.2087, 66.6344, 82.4702



14.5793, 16.2452, 17.3155



19.1304, 33.2843, 21.7187



1.4574, 2.4771, 1.8354

Inverse Universe

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



57.7648, 52.5583, 59.3276



72.0413, 63.4771, 71.9603



57.2501, 54.4528, 50.1418



14.5868, 14.4519, 16.0244



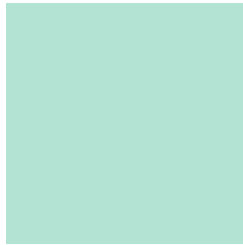
19.3786, 9.8856, 5.6225



1.4750, 0.7477, 0.6416

Previews

White Background



This preview shows how the XYZ color 57.6923, 69.1750, 71.2842 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 57.6923, 69.1750, 71.2842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

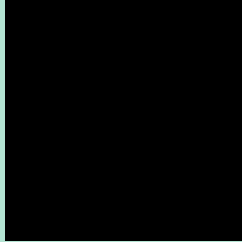
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6923, 69.1750, 71.2842

Background



This preview shows how black text looks on a background with the XYZ color 57.6923, 69.1750, 71.2842.

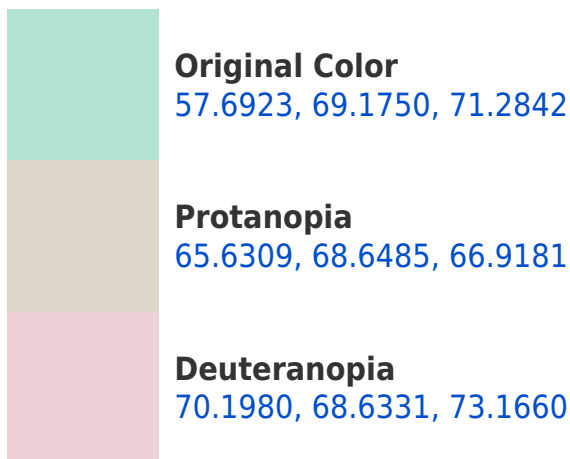


This preview shows how white text looks on a background with the XYZ color 57.6923, 69.1750,

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

62.1234, 69.3809, 92.5557

Trichromacy



Original Color

57.6923, 69.1750, 71.2842

Protanomaly

62.2042, 68.3847, 68.3136

Deuteranomaly

65.1814, 68.6675, 72.7695

Tritanomaly

60.3270, 69.0357, 84.2744

Monochromacy



Original Color

57.6923, 69.1750, 71.2842

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.1239, 66.4710, 71.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6923, 69.1750, 71.2842 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(179, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 227, 210)  
}
```

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(179, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 227, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.6923, 69.1750, 71.2842 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(179, 227, 210) }
```


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

```
.border{ border-color:rgb(179, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(179, 227,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6923, 69.1750, 71.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 227, 210) }
```

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

```
.background{ background-color: rgb(179,  
227, 210) }
```

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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