

Converting Colors

XYZ(58.2814, 69.3965, 74.1028)

Have a look what the booklet for
XYZ(58.2814, 69.3965, 74.1028)
contains.

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Color

**XYZ(58.1971, 69.3769,
73.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E3D6
RGB	179, 227, 214
RGB Percent	70%, 89%, 84%
CMY	0.2980, 0.1098, 0.1608
CMYK	0.21, 0.00, 0.06, 0.11
HSL	164°, 46%, 80%
HSV	164°, 21%, 89%
XYZ	58.1971, 69.3769, 73.9421
YIQ	211.1660, -24.4350, -14.2190

Conversions

Conversions Part 2

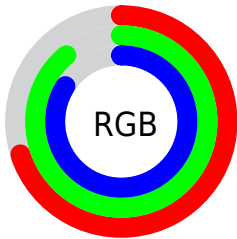
Format	Color
RYB	179, 207, 227
Decimal	11789270
CIELab	86.69, -18.05, 1.26
CIElCh	87, 18.096, 176.017
Yxy	69.3769, 0.2888, 0.3443
Android (android.graphics.Color)	4289979350 (0xFFB3E3D6)
YUV	211.1660, 1.3972, -28.2096
Hunter-Lab	83.2928, -21.0435, 5.6710

Details

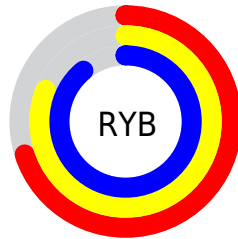
The XYZ color **58.1971, 69.3769, 73.9421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3155, 52.3787, 56.9614**, and the grayscale version is **62.0308, 65.2612, 71.0694**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **29.4680, 36.3682, 38.2675** is the 20% darker color. If you saturate the color by 10%, you get **52.6061, 66.5855, 69.6591**, and if you desaturate by 10%, it is **64.6853, 72.6311, 78.4248**.

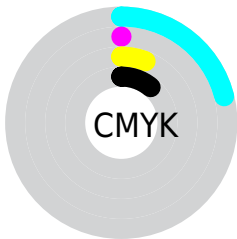
Distribution



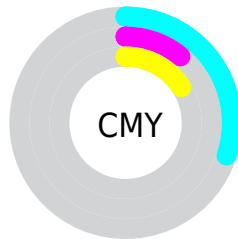
- Red (70%)
- Green (89%)
- Blue (84%)



- Red (70%)
- Yellow (81%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (30%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1971, 69.3769, 73.9421 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 58.1971, 69.3769, 73.9421 by changing the saturation by 10% instead.


 58.1971, 69.3769,
73.9421

 58.1971, 69.3769,
73.9421

407.8620,
458.3592, 493.4316

 42.2110, 51.0187,
54.2502


 101.3311,
118.3197, 126.5470

 29.4584, 36.2235,
38.4072

129.2098,
149.6732, 160.2971

 19.5739, 24.6069,
25.9946

161.7834,
186.1272, 199.5702

 12.1921, 15.7844,
16.5938

199.4172,
228.0661, 244.7850

 6.9478, 9.3717,
9.7865

242.4766,
275.8744, 296.3600

 3.4755, 4.9844,
5.1539

291.3269,

 1.4099, 2.2381,

329.9364, 354.7137

2.2775

346.3336,
390.6365, 420.2648

■ 0.2633, 0.7407,
0.7186

■ 0.0000, 0.0000,
0.0000

■ 58.1971, 69.3769,
73.9421

■ 58.1971, 69.3769,
73.9421

■ 52.6061, 66.5855,
69.6591

■ 64.6853, 72.6311,
78.4248

■ 47.8640, 64.2265,
65.5674

■ 72.1046, 76.3599,
83.1061

■ 43.9265, 62.2790,
61.6648

■ 80.4940, 80.5854,
87.9908

■ 40.7432, 60.7169,
57.9472

■ 84.2310, 82.4089,
92.8175

■ 38.2575, 59.5112,
54.4100

■ 85.1532, 82.7778,
97.6737

■ 36.4047, 58.6285,
51.0486

■ 86.1066, 83.1592,
102.6942

■ 35.1075, 58.0291,
47.8574

■ 86.7603, 83.4207,
106.1368

■ 34.3087, 57.6760,
45.1671

Harmonies

Analogous

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



59.4591, 69.3769, 63.3185



58.1971, 69.3769, 73.9421



58.9363, 69.3769, 86.1618

Triad

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



58.1971, 69.3769, 73.9421



69.5522, 69.3769, 98.3255



70.5654, 69.3769, 57.9150

Complementary

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



58.1971, 69.3769, 73.9421



57.3155, 52.3787, 56.9614

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.



73.4791, 69.3769, 65.8284



58.1971, 69.3769, 73.9421



72.8769, 69.3769, 89.2400

Square

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



58.1971, 69.3769, 73.9421



65.3805, 69.3769, 101.0823



74.3423, 69.3769, 77.1600



66.5041, 69.3769, 54.7090

Rectangle

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



58.1971, 69.3769, 73.9421



60.4821, 69.3769, 93.4619



74.3423, 69.3769, 77.1600



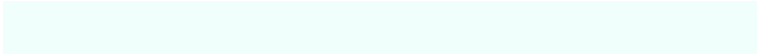
71.7181, 69.3769, 60.0689

Sweetspot

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



58.1991, 69.3798, 73.9437



88.9832, 96.9487, 105.1705



57.4985, 69.4808, 53.0296



18.9106, 20.6829, 22.4252



0.0000, 0.0000, 0.0000



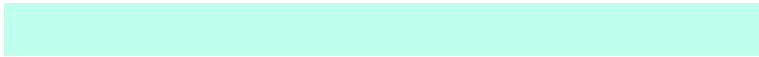
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1991, 69.3798, 73.9437



72.7020, 88.7861, 93.9878



57.1676, 64.5521, 82.1231



14.6321, 16.2663, 17.5933



20.0593, 33.6558, 26.6101



1.5207, 2.5024, 2.1684

Inverse Universe

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



57.3155, 52.3787, 56.9614



71.3745, 63.2104, 68.4486



58.1013, 56.1551, 50.4258



14.5366, 14.4318, 15.7599



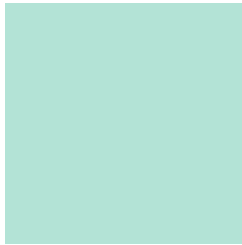
19.0158, 9.7406, 3.7124



1.4433, 0.7350, 0.4747

Previews

White Background



This preview shows how the XYZ color 58.1971, 69.3769, 73.9421 looks on a white background.

Color Contrast Check

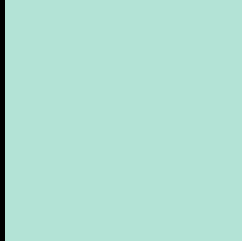
Large Text (above 18pt) WCAG AA × Fail

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 58.1971, 69.3769, 73.9421 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

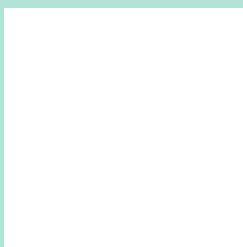
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1971, 69.3769, 73.9421

Background



This preview shows how black text looks on a background with the XYZ color 58.1971, 69.3769, 73.9421.



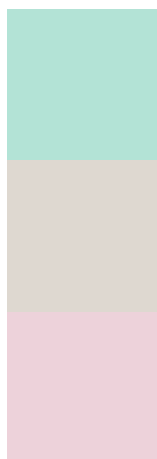
This preview shows how white text looks on a background with the XYZ color 58.1971, 69.3769,

73.9421.

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

58.1971, 69.3769, 73.9421

Protanopia

66.0652, 69.1954, 69.5485

Deuteranopia

70.6265, 69.1597, 75.9564



Tritanopia

62.0320, 69.3166, 93.3291

Trichromacy



Original Color

58.1971, 69.3769, 73.9421

Protanomaly

62.6797, 68.9614, 70.9801

Deuteranomaly

65.3992, 68.7204, 75.4631

Tritanomaly

60.3709, 69.0259, 85.7428

Monochromacy



Original Color

58.1971, 69.3769, 73.9421

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2497, 66.5213, 71.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1971, 69.3769, 73.9421 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(179, 227, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.1971, 69.3769, 73.9421 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, 214) }
```


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

```
.border{ border-color:rgb(179, 227, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1971, 69.3769, 73.9421 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, 214) }
```

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

```
.background{ background-color: rgb(179,  
227, 214) }
```

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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