

Converting Colors

XYZ(50.9865, 66.5894, 70.9227)

Have a look what the booklet for
XYZ(50.9865, 66.5894, 70.9227)
contains.

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Color

**XYZ(50.9799, 66.5314,
71.1277)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE5D2
RGB	143, 229, 210
RGB Percent	56%, 90%, 82%
CMY	0.4392, 0.1019, 0.1765
CMYK	0.38, 0.00, 0.08, 0.10
HSL	167°, 62%, 73%
HSV	167°, 38%, 90%
XYZ	50.9799, 66.5314, 71.1277
YIQ	201.1200, -45.1570, -24.1410

Conversions

Conversions Part 2

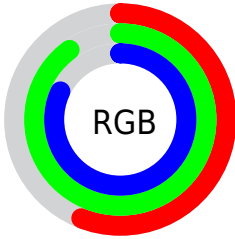
Format	Color
RYB	143, 191, 229
Decimal	9430482
CIELab	85.27, -30.25, 1.06
CIELCh	85, 30.266, 177.989
Yxy	66.5314, 0.2703, 0.3527
Android (android.graphics.Color)	4287620562 (0xFF8FE5D2)
YUV	201.1200, 4.3778, -50.9712
Hunter-Lab	81.5668, -31.1779, 5.3948

Details

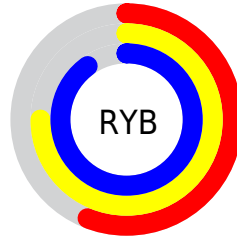
The XYZ color **50.9799, 66.5314, 71.1277** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.6595, 38.9134, 39.1315**, and the grayscale version is **55.5871, 58.4819, 63.6868**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **24.9688, 34.3621, 36.7691** is the 20% darker color. If you saturate the color by 10%, you get **46.7929, 64.4463, 67.6939**, and if you desaturate by 10%, it is **55.9998, 69.0470, 74.7075**.

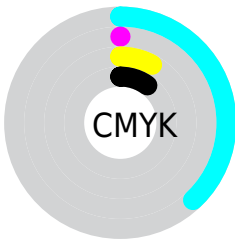
Distribution



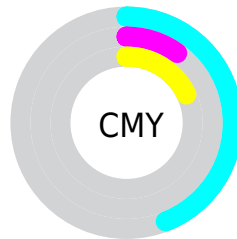
- Red (56%)
- Green (90%)
- Blue (82%)



- Red (56%)
- Yellow (75%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)





- Cyan (44%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9799, 66.5314, 71.1277 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 50.9799, 66.5314, 71.1277 by changing the saturation by 10% instead.


 50.9799, 66.5314,
71.1277


 50.9799, 66.5314,
71.1277


380.8746,
448.2750, 483.3954

 36.4136, 48.7039,
51.9639


 90.8082, 114.2487,
122.5117

 24.9254, 34.3847,
36.5943

 116.8010,
144.9073, 155.5690

 16.1499, 23.1893,
24.6002


147.3332,
180.6117, 194.0946

 9.7218, 14.7333,
15.5631

182.7703,
221.7463, 238.5070

 5.2757, 8.6324,
9.0646

223.4777,
268.6956, 289.2247

 2.4464, 4.5022,
4.6859

269.8206,

 0.8683, 1.9583,

321.8438, 346.6663

2.0087

322.1645,
381.5755, 411.2504

■ 0.0000, 0.5831,
0.5606

■ 0.0000, 0.0000,
0.0000

■ 50.9799, 66.5314,
71.1277

■ 50.9799, 66.5314,
71.1277

■ 46.7929, 64.4463,
67.6939

■ 55.9998, 69.0470,
74.7075

■ 43.3833, 62.7580,
64.3981

■ 61.8926, 72.0085,
78.4316

■ 40.6980, 61.4408,
61.2384

■ 68.7021, 75.4403,
82.3046

■ 38.6743, 60.4625,
58.2109

■ 76.4680, 79.3627,
86.3292

■ 37.2387, 59.7851,
55.3111

■ 84.2995, 83.3165,
90.4646

■ 36.2923, 59.3578,
52.5333

■ 85.0424, 83.6137,
94.3769

■ 36.0970, 59.2715,
51.8706

■ 85.8063, 83.9193,
98.3996

■ 86.5914, 84.2333,
102.5337

■ 87.3105, 84.5209,
106.3202

Harmonies

Analogous

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



52.7249, 66.5314, 54.2507



50.9799, 66.5314, 71.1277



52.3172, 66.5314, 91.5989

Triad

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



50.9799, 66.5314, 71.1277



69.6126, 66.5314, 111.0597



70.4683, 66.5314, 44.9623

Complementary

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



50.9799, 66.5314, 71.1277



48.6595, 38.9134, 39.1315

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.



75.5775, 66.5314, 56.1606



50.9799, 66.5314, 71.1277



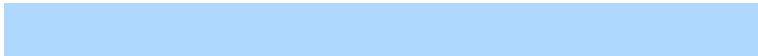
75.0589, 66.5314, 94.3019

Square

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



50.9799, 66.5314, 71.1277



62.7757, 66.5314, 116.9901



77.3143, 66.5314, 73.7711



63.6987, 66.5314, 40.9376

Rectangle

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



50.9799, 66.5314, 71.1277



54.8346, 66.5314, 104.1932



77.3143, 66.5314, 73.7711



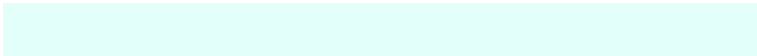
72.4547, 66.5314, 47.9003

Sweetspot

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



50.9818, 66.5341, 71.1292



84.4908, 94.6700, 103.2808



48.0973, 65.8181, 36.1571



17.8281, 20.1340, 21.9616



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.



50.9818, 66.5341, 71.1292



60.8505, 82.8105, 87.3789



47.5600, 55.6739, 82.3712



14.6640, 16.2790, 17.7612



20.6846, 33.9059, 29.9031



1.5623, 2.5190, 2.3875

Inverse Universe

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



48.6595, 38.9134, 39.1315



57.5014, 42.8280, 41.1226



50.8973, 45.8915, 32.1633



14.5067, 14.4199, 15.6028



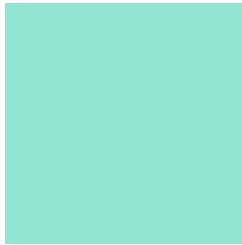
18.8486, 9.6737, 2.8317



1.4272, 0.7286, 0.3902

Previews

White Background



This preview shows how the XYZ color 50.9799, 66.5314, 71.1277 looks on a white background.

Color Contrast Check

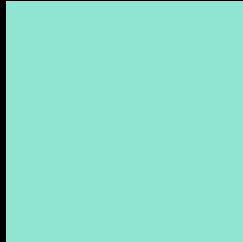
Large Text (above 18pt) WCAG AA × Fail

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 50.9799, 66.5314, 71.1277 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

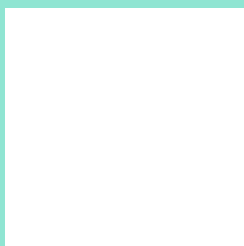
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9799, 66.5314, 71.1277

Background



This preview shows how black text looks on a background with the XYZ color 50.9799, 66.5314, 71.1277.

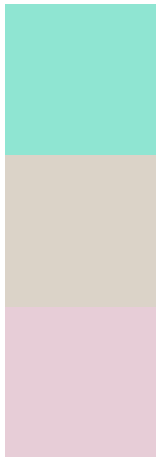


This preview shows how white text looks on a background with the XYZ color 50.9799, 66.5314,

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

50.9799, 66.5314, 71.1277

Protanopia

62.9330, 65.8187, 64.0309

Deuteranopia

67.0521, 65.5579, 73.4099



Tritanopia

55.4452, 66.3014, 93.8796

Trichromacy



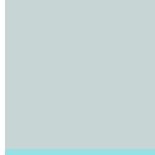
Original Color

50.9799, 66.5314, 71.1277



Protanomaly

57.4563, 65.5788, 66.7564



Deuteranomaly

59.6100, 65.0393, 72.3629



Tritanomaly

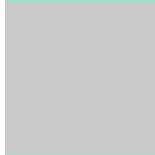
53.6920, 66.4018, 84.8499

Monochromacy



Original Color

50.9799, 66.5314, 71.1277



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.0157, 60.6515, 66.0394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9799, 66.5314, 71.1277 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(143, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(143, 229, 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(143, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 229, 210) }
```

Border

The CSS property to change the border of an element to XYZ 50.9799, 66.5314, 71.1277 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(143, 229, 210) }
```


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

```
.border{ border-color:rgb(143, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(143, 229,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9799, 66.5314, 71.1277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 229, 210) }
```

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

```
.background{ background-color: rgb(143,  
229, 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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