

Converting Colors

XYZ(50.6003, 65.3574, 78.2921)

Have a look what the booklet for
XYZ(50.6003, 65.3574, 78.2921)
contains.

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Color

**XYZ(50.6736, 65.3929,
78.3579)**

Conversions

Conversions Part 1

Format	Color
Hex	88E3DD
RGB	136, 227, 221
RGB Percent	53%, 89%, 87%
CMY	0.4667, 0.1098, 0.1333
CMYK	0.40, 0.00, 0.03, 0.11
HSL	176°, 62%, 71%
HSV	176°, 40%, 89%
XYZ	50.6736, 65.3929, 78.3579
YIQ	199.1070, -52.3100, -21.1580

Conversions

Conversions Part 2

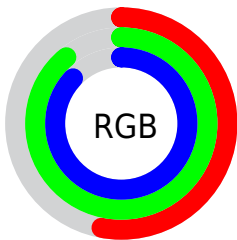
Format	Color
RYB	136, 183, 227
Decimal	8971229
CIELab	84.69, -28.56, -5.63
CIELCh	85, 29.109, 191.154
Yxy	65.3929, 0.2606, 0.3363
Android (android.graphics.Color)	4287161309 (0xFF88E3DD)
YUV	199.1070, 10.7932, -55.3448
Hunter-Lab	80.8659, -29.6605, -0.8451

Details

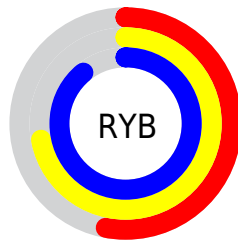
The XYZ color **50.6736, 65.3929, 78.3579** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.3675, 35.8941, 30.1308**, and the grayscale version is **54.3122, 57.1406, 62.2261**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **24.6703, 33.5413, 41.2502** is the 20% darker color. If you saturate the color by 10%, you get **47.1720, 63.6123, 77.1586**, and if you desaturate by 10%, it is **54.9615, 67.5818, 79.6062**.

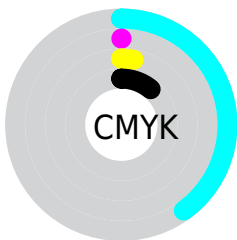
Distribution



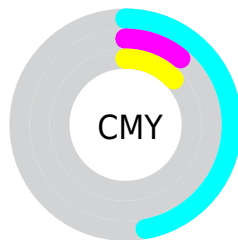
- Red (53%)
- Green (89%)
- Blue (87%)



- Red (53%)
- Yellow (72%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)





- Cyan (47%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6736, 65.3929, 78.3579 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 50.6736, 65.3929, 78.3579 by changing the saturation by 10% instead.


 50.6736, 65.3929,
78.3579


 50.6736, 65.3929,
78.3579

379.7029,
444.2025, 508.9415


 36.1689, 47.7797,
57.8498


 90.3580, 112.6145,
132.8450

 24.7354, 33.6525,
41.2740

 116.2684,
142.9918, 167.6611

 16.0077, 22.6268,
28.2120


 146.7114,
178.3926, 208.0836

 9.6205, 14.3182,
18.2451

182.0523,
219.2012, 254.5311

 5.2084, 8.3423,
10.9548

222.6566,
265.8021, 307.4221

 2.4061, 4.3147,
5.9227

268.8896,

 0.8481, 1.8511,

318.5797, 367.1751

2.7301

321.1165,
377.9184, 434.2088

■ 0.0000, 0.5187,
0.9585

■ 0.0000, 0.0000,
0.0000

■ 50.6736, 65.3929,
78.3579

■ 50.6736, 65.3929,
78.3579

■ 47.1720, 63.6123,
77.1586

■ 54.9615, 67.5818,
79.6062

■ 44.4013, 62.2067,
76.0013


■ 60.0753, 70.1947,
80.9010


■ 42.3080, 61.1501,
74.8849

■ 66.0589, 73.2558,
82.2458


■ 40.8286, 60.4098,
73.8066


■ 72.9513, 76.7852,
83.6426


 39.8879, 59.9470,
72.7626


 80.7892, 80.8018,
85.0929

 39.3577, 59.6954,
71.7556

 82.9911, 81.9127,
86.2890

 83.2023, 81.9972,
87.4013

 83.4154, 82.0824,
88.5231

 83.6302, 82.1684,
89.6545

Harmonies

Analogous

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



51.0535, 65.3929, 60.2474



50.6736, 65.3929, 78.3579



53.2050, 65.3929, 97.4694

Triad

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



50.6736, 65.3929, 78.3579



70.7529, 65.3929, 101.7181



66.2819, 65.3929, 42.3992

Complementary

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



50.6736, 65.3929, 78.3579



45.3675, 35.8941, 30.1308

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.



72.0541, 65.3929, 50.1361



50.6736, 65.3929, 78.3579



74.7571, 65.3929, 83.4094

Square

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



50.6736, 65.3929, 78.3579



64.6049, 65.3929, 112.4405



75.2492, 65.3929, 64.4951



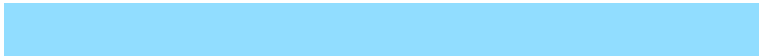
59.7659, 65.3929, 41.5251

Rectangle

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



50.6736, 65.3929, 78.3579



56.3134, 65.3929, 107.4084



75.2492, 65.3929, 64.4951



68.3851, 65.3929, 44.2109

Sweetspot

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



50.6755, 65.3955, 78.3594



84.3513, 94.5220, 106.7119



43.0818, 62.4751, 33.0822



17.8278, 20.1155, 22.7910



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.



50.6755, 65.3955, 78.3594



62.1470, 83.1849, 100.7169



41.9113, 46.5641, 79.4548



14.7642, 16.3191, 18.2893



22.9698, 34.8200, 41.9368



1.7098, 2.5781, 3.1646

Inverse Universe

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



45.3675, 35.8941, 30.1308



54.3563, 39.8391, 29.8970



51.5393, 48.9397, 30.0239



14.4154, 14.3833, 15.1217



18.5400, 9.5502, 1.2068



1.3837, 0.7112, 0.1609

Previews

White Background



This preview shows how the XYZ color 50.6736, 65.3929, 78.3579 looks on a white background.

Color Contrast Check

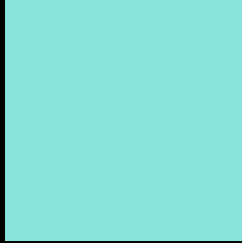
Large Text (above 18pt) WCAG AA × Fail

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 50.6736, 65.3929, 78.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

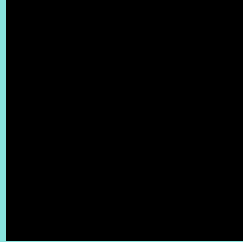
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6736, 65.3929, 78.3579

Background



This preview shows how black text looks on a background with the XYZ color 50.6736, 65.3929, 78.3579.



This preview shows how white text looks on a background with the XYZ color 50.6736, 65.3929,

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

50.6736, 65.3929, 78.3579

Protanopia

62.2899, 64.6002, 70.8141

Deuteranopia

66.0608, 64.5240, 80.9241



Tritanopia

53.8380, 65.4729, 93.8044

Trichromacy



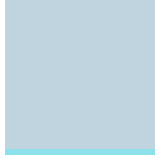
Original Color

50.6736, 65.3929, 78.3579



Protanomaly

57.0713, 64.4571, 73.7235



Deuteranomaly

58.7363, 63.6753, 79.7158



Tritanomaly

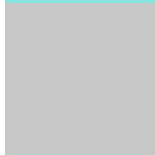
52.5917, 65.3664, 87.6870

Monochromacy



Original Color

50.6736, 65.3929, 78.3579



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.9674, 59.3360, 67.7455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6736, 65.3929, 78.3579 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(136, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(136, 227, 221)  
}
```

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(136, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 227, 221) }
```

Border

The CSS property to change the border of an element to XYZ 50.6736, 65.3929, 78.3579 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(136, 227, 221) }
```


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

```
.border{ border-color:rgb(136, 227, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(136, 227,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6736, 65.3929, 78.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 227, 221) }
```

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

```
.background{ background-color: rgb(136,  
227, 221) }
```

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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