

Converting Colors

XYZ(51.0395, 66.2069, 87.1799)

Have a look what the booklet for
XYZ(51.0395, 66.2069, 87.1799)
contains.

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Color

**XYZ(51.0395, 66.2069,
87.1799)**

Conversions

Conversions Part 1	
Format	Color
Hex	7CE5E9
RGB	124, 229, 233
RGB Percent	49%, 90%, 91%
CMY	0.5137, 0.1019, 0.0863
CMYK	0.47, 0.02, 0.00, 0.09
HSL	182°, 71%, 70%
HSV	182°, 47%, 91%
XYZ	51.0395, 66.2069, 87.1799
YIQ	198.0610, -63.8640, -21.0160

Conversions

Conversions Part 2

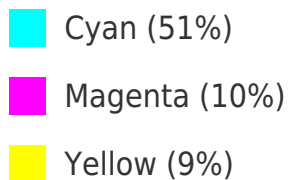
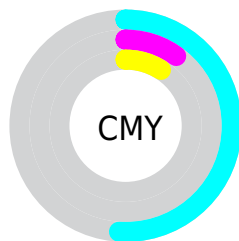
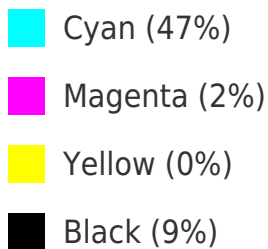
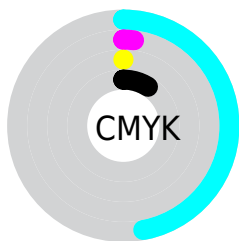
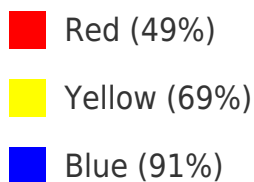
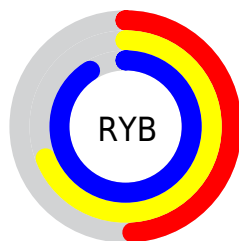
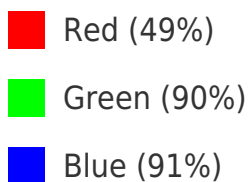
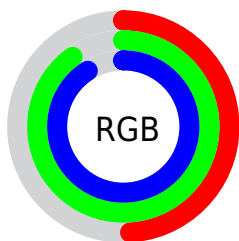
Format	Color
RYB	124, 177, 233
Decimal	8185321
CIELab	85.10, -29.38, -11.40
CIELCh	85, 31.514, 201.212
Yxy	66.2069, 0.2497, 0.3239
Android (android.graphics.Color)	4286375401 (0xFF7CE5E9)
YUV	198.0610, 17.2249, -64.9515
Hunter-Lab	81.3676, -30.4256, -6.5679

Details

The XYZ color **51.0395, 66.2069, 87.1799** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.9627, 34.2184, 23.3055**, and the grayscale version is **53.6418, 56.4353, 61.4581**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **24.8660, 34.0856, 46.8636** is the 20% darker color. If you saturate the color by 10%, you get **47.8265, 64.2019, 86.9634**, and if you desaturate by 10%, it is **55.0531, 68.6294, 87.4371**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0395, 66.2069, 87.1799 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 51.0395, 66.2069, 87.1799 by changing the saturation by 10% instead.


 51.0395, 66.2069,
87.1799


 51.0395, 66.2069,
87.1799


381.1024,
447.1165, 539.1454

 36.4612, 48.4404,
65.0836


 90.8958, 113.7832,
145.3159

 24.9624, 34.1758,
47.0771


 116.9045,
144.3618, 182.1928

 16.1776, 23.0287,
32.7418


 147.4541,
179.9799, 224.8336

 9.7416, 14.6147,
21.6593

182.9099,
221.0219, 273.6568

 5.2889, 8.5494,
13.4108

223.6373,
267.8721, 329.0811

 2.4542, 4.4485,
7.5780

270.0016,

 0.8722, 1.9275,

320.9151, 391.5249

3.7423

322.3682,
380.5350, 461.4068

0.0000, 0.5648,
1.4850

0.0000, 0.0000,
0.2067

51.0395, 66.2069,
87.1799

51.0395, 66.2069,
87.1799

47.8265, 64.2019,
86.9634

55.0531, 68.6294,
87.4371

45.3513, 62.5774,
86.7803


59.9126, 71.4882,
87.7328


43.5513, 61.3028,
86.6291


65.6672, 74.8102,
88.0707


42.3511, 60.3391,
86.5064


72.3603, 78.6177,
88.4529


 41.6546, 59.6367,
86.4075


 80.0327, 82.9319,
88.8812

 41.4865, 59.4398,
86.3784

 85.4084, 86.0637,
89.2024

 85.6525, 86.5519,
89.2837

 85.8978, 87.0424,
89.3655

 86.1442, 87.5353,
89.4476

Harmonies

Analogous

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



50.3773, 66.2069, 66.2782



51.0395, 66.2069, 87.1799



54.7572, 66.2069, 107.0598

Triad

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



51.0395, 66.2069, 87.1799



74.1799, 66.2069, 99.4591



65.0365, 66.2069, 39.9415

Complementary

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



51.0395, 66.2069, 87.1799



44.9627, 34.2184, 23.3055

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.



71.8730, 66.2069, 45.7054



51.0395, 66.2069, 87.1799



77.4064, 66.2069, 78.2279

Square

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



51.0395, 66.2069, 87.1799



67.9975, 66.2069, 115.0250



76.5318, 66.2069, 58.8469



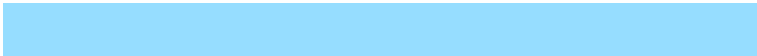
58.1163, 66.2069, 41.4371

Rectangle

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



51.0395, 66.2069, 87.1799



58.6325, 66.2069, 115.7992



76.5318, 66.2069, 58.8469



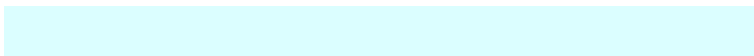
67.4277, 66.2069, 41.0473

Sweetspot

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



51.0415, 66.2095, 87.1815



82.6975, 93.0140, 108.2026



41.3248, 64.1132, 30.4946



17.3379, 19.7015, 23.1389



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.



51.0415, 66.2095, 87.1815



58.8694, 78.9015, 106.7345



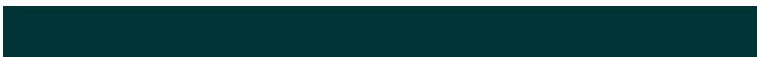
38.3258, 40.7782, 82.9429



15.4676, 17.0216, 19.3925



23.5609, 33.7688, 49.0192



1.8649, 2.6813, 3.8541

Inverse Universe

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



54.9565, 37.3979, 78.4535



64.2743, 39.7798, 94.5379



53.9991, 52.2911, 26.3177



15.6896, 15.3037, 18.9165



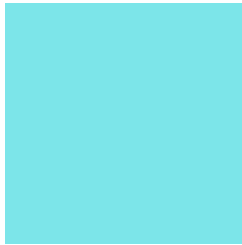
26.7478, 12.9018, 41.3346



2.1078, 1.0161, 3.2852

Previews

White Background



This preview shows how the XYZ color 51.0395, 66.2069, 87.1799 looks on a white background.

Color Contrast Check

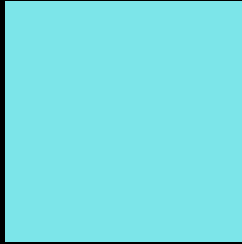
Large Text (above 18pt) WCAG AA × Fail

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 51.0395, 66.2069, 87.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

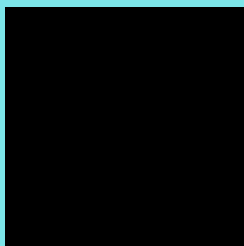
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

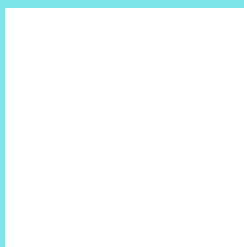
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0395, 66.2069, 87.1799

Background



This preview shows how black text looks on a background with the XYZ color 51.0395, 66.2069, 87.1799.

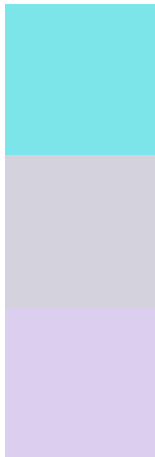


This preview shows how white text looks on a background with the XYZ color 51.0395, 66.2069,

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

51.0395, 66.2069, 87.1799

Protanopia

63.2491, 65.3107, 77.6793

Deuteranopia

66.7173, 65.3757, 89.9913



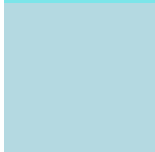
Tritanopia

52.8526, 66.1199, 96.3630

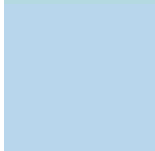
Trichromacy



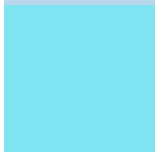
Original Color
51.0395, 66.2069, 87.1799



Protanomaly
57.2259, 64.7652, 80.7190

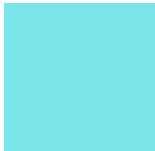


Deuteranomaly
58.9541, 64.3396, 88.6685

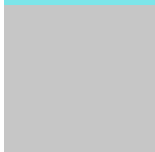


Tritanomaly
52.3730, 66.3497, 93.2655

Monochromacy



Original Color
51.0395, 66.2069, 87.1799



Achromatopsia
53.6758, 56.4712, 61.4971



Achromatomaly
51.3529, 58.9620, 70.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0395, 66.2069, 87.1799 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(124, 229, 233) looks like.

```
.text, #text, p{  
    color:rgb(124, 229, 233)  
}
```

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(124, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 229, 233) }
```

Border

The CSS property to change the border of an element to XYZ 51.0395, 66.2069, 87.1799 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(124, 229, 233) }
```

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

```
.border{ border-color:rgb(124, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(124, 229,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0395, 66.2069, 87.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 229, 233) }
```

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

```
.background{ background-color: rgb(124,  
229, 233) }
```

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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