

Converting Colors

XYZ(50.2553, 66.0070, 5.9616)

Have a look what the booklet for
XYZ(50.2553, 66.0070, 5.9616)
contains.

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Color

**XYZ(51.0126, 66.2679,
10.1023)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E100
RGB	201, 225, 0
RGB Percent	79%, 88%, 0%
CMY	0.2118, 0.1176, 0.9999
CMYK	0.11, 0.00, 1.00, 0.12
HSL	66°, 100%, 44%
HSV	66°, 100%, 88%
XYZ	51.0126, 66.2679, 10.1023
YIQ	192.1740, 57.9210, -75.0630

Conversions

Conversions Part 2

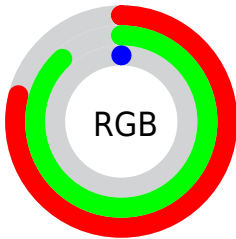
Format	Color
RYB	0, 225, 24
Decimal	13230336
CIELab	85.13, -29.58, 83.83
CIELCh	85, 88.892, 109.439
Yxy	66.2679, 0.4005, 0.5202
Android (android.graphics.Color)	4291420416 (0xFFC9E100)
YUV	192.1740, -94.7418, 7.7404
Hunter-Lab	81.4051, -30.6017, 49.6257

Details

The XYZ color **51.0126, 66.2679, 10.1023** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.9692, 5.6318, 71.5890**, and the grayscale version is **50.7210, 53.3625, 58.1117**.

A 20% lighter version of the original color is **78.8032, 93.5013, 23.3454**, and **25.5301, 34.5002, 5.3136** is the 20% darker color. If you saturate the color by 10%, you get **51.0131, 66.2704, 10.1028**, and if you desaturate by 10%, it is **51.8145, 66.6662, 10.9231**.

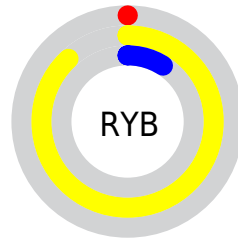
Distribution



Red (79%)

Green (88%)

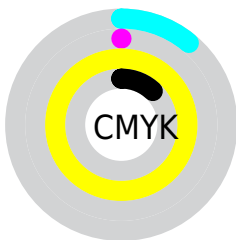
Blue (0%)



Red (0%)

Yellow (88%)

Blue (9%)

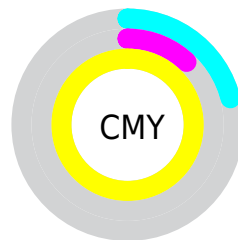


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (21%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0126, 66.2679, 10.1023 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 51.0126, 66.2679, 10.1023 by changing the saturation by 10% instead.


 51.0126, 66.2679,
10.1023

 51.0126, 66.2679,
10.1023


380.9996,
447.3344, 201.9119


 36.4397, 48.4899,
5.3603


 90.8563, 113.8708,
26.5986

 24.9457, 34.2150,
2.3978


 116.8578,
144.4644, 39.1899

 16.1651, 23.0588,
0.7852

 147.3995,
180.0987, 55.2349

 9.7326, 14.6370,
0.0000

 182.8469,
221.1581, 75.1519

 5.2830, 8.5650,
0.0000

 223.5652,
268.0270, 99.3596

 2.4507, 4.4585,
0.0000

 269.9199,

 0.8705, 1.9332,

321.0897, 128.2765

0.0000

322.2762,
380.7307, 162.3211

■ 0.0000, 0.5682,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0126, 66.2679,
10.1023

■ 51.0126, 66.2679,
10.1023

■ 51.0131, 66.2704,
10.1028

■ 51.8145, 66.6662,
10.9231

■ 52.7994, 67.1365,
12.6615

■ 54.0252, 67.7043,
15.6149

■ 55.5239, 68.3825,
19.9526

■ 57.3228, 69.1819,
25.8172

■ 59.4456, 70.1121,
33.3335

■ 61.9136, 71.1815,
42.6136

■ 64.7462, 72.3981,
53.7597

■ 67.9615, 73.7688,
66.8661

Harmonies

Analogous

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



70.3151, 66.2679, 8.9565



51.0126, 66.2679, 10.1023



38.0131, 66.2679, 21.5559

Triad

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



51.0126, 66.2679, 10.1023



41.1055, 66.2679, 192.6535



108.9659, 66.2679, 94.3287

Complementary

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



51.0126, 66.2679, 10.1023



13.9692, 5.6318, 71.5890

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.



97.0283, 66.2679, 170.3285



51.0126, 66.2679, 10.1023



56.1841, 66.2679, 244.0887

Square

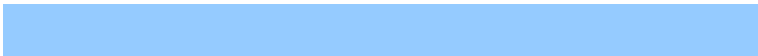
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.0126, 66.2679, 10.1023



33.1894, 66.2679, 115.4639



76.6993, 66.2679, 234.2604



106.7563, 66.2679, 41.3072

Rectangle

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



51.0126, 66.2679, 10.1023



33.3580, 66.2679, 39.9231



76.6993, 66.2679, 234.2604



106.3899, 66.2679, 118.2640

Sweetspot

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



51.0141, 66.2709, 10.1037



82.1465, 94.4990, 56.2937



31.3503, 16.6027, 1.5531



17.2735, 20.0930, 10.8710



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.



51.0141, 66.2709, 10.1037



67.6883, 87.9797, 13.4142



31.1453, 56.0282, 9.1738



14.7201, 15.9514, 14.6099



29.4544, 38.2168, 5.8242



2.0835, 2.6706, 0.4057

Inverse Universe

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



13.9692, 5.6318, 71.5890



18.5076, 7.4559, 95.0714



23.5858, 10.5893, 72.0390



13.0871, 13.3129, 17.2676



8.0957, 3.2688, 41.2526



0.6076, 0.2505, 2.8616

Previews

White Background



This preview shows how the XYZ color 51.0126, 66.2679, 10.1023 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 51.0126, 66.2679, 10.1023 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 51.0126, 66.2679, 10.1023

Background



This preview shows how black text looks on a background with the XYZ color 51.0126, 66.2679, 10.1023.

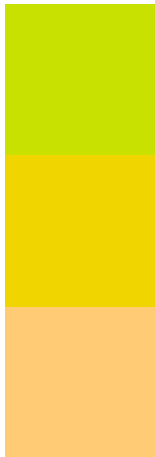


This preview shows how white text looks on a background with the XYZ color 51.0126, 66.2679,

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

51.0126, 66.2679, 10.1023

Protanopia

59.7294, 66.1138, 9.6132

Deuteranopia

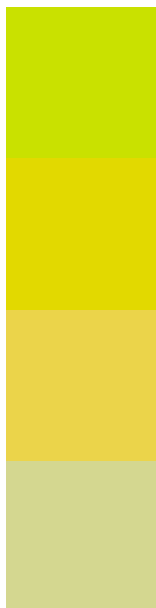
66.0438, 65.7301, 26.0359



Tritanopia

65.4414, 65.9973, 81.2411

Trichromacy



Original Color

51.0126, 66.2679, 10.1023

Protanomaly

56.1769, 65.7945, 9.7388

Deuteranomaly

59.0405, 65.2435, 15.9601

Tritanomaly

56.4859, 64.6115, 35.8797

Monochromacy



Original Color

51.0126, 66.2679, 10.1023

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

47.6114, 56.1930, 26.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0126, 66.2679, 10.1023 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(201, 225, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 0)  
}
```

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(201, 225, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 0) }
```

Border

The CSS property to change the border of an element to XYZ 51.0126, 66.2679, 10.1023 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(201, 225, 0) }
```


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

```
.border{ border-color:rgb(201, 225, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0126, 66.2679, 10.1023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 0) }
```

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

```
.background{ background-color: rgb(201,  
225, 0) }
```

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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