

Converting Colors

XYZ(51.0760, 60.9377, 78.0720)

Have a look what the booklet for
XYZ(51.0760, 60.9377, 78.0720)
contains.

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Color

**XYZ(51.0028, 60.8434,
78.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD7DE
RGB	155, 215, 222
RGB Percent	61%, 84%, 87%
CMY	0.3921, 0.1568, 0.1294
CMYK	0.30, 0.03, 0.00, 0.13
HSL	186°, 50%, 74%
HSV	186°, 30%, 87%
XYZ	51.0028, 60.8434, 78.1631
YIQ	197.8580, -38.0070, -10.5430

Conversions

Conversions Part 2

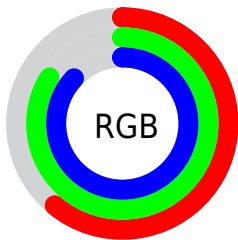
Format	Color
RYB	155, 187, 222
Decimal	10213342
CIELab	82.29, -17.38, -9.61
CIELCh	82, 19.854, 208.935
Yxy	60.8434, 0.2684, 0.3202
Android (android.graphics.Color)	4288403422 (0xFF9BD7DE)
YUV	197.8580, 11.9020, -37.5865
Hunter-Lab	78.0022, -19.7891, -4.8108

Details

The XYZ color **51.0028, 60.8434, 78.1631** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9616, 43.7372, 36.8731**, and the grayscale version is **53.5383, 56.3264, 61.3395**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **24.9127, 30.6983, 41.1715** is the 20% darker color. If you saturate the color by 10%, you get **46.5420, 57.6750, 77.7877**, and if you desaturate by 10%, it is **56.2589, 64.4372, 78.5808**.

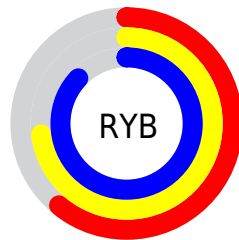
Distribution



Red (61%)

Green (84%)

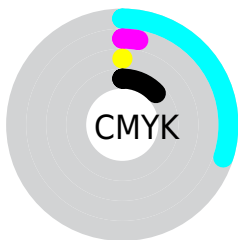
Blue (87%)



Red (61%)

Yellow (73%)

Blue (87%)

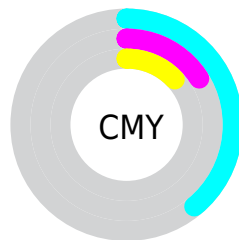


Cyan (30%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0028, 60.8434, 78.1631 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 51.0028, 60.8434, 78.1631 by changing the saturation by 10% instead.

■ 51.0028, 60.8434,
78.1631

■ 51.0028, 60.8434,
78.1631

380.9621,
427.6996, 508.2631

■ 36.4319, 44.0988,
57.6907

■ 90.8419, 106.0522,
132.5680

■ 24.9396, 30.7482,
41.1470

■ 116.8408,
135.2851, 167.3376

■ 16.1605, 20.4072,
28.1134

147.3797,
169.4496, 207.7100

■ 9.7294, 12.6914,
18.1714

182.8240,
208.9301, 254.1037

■ 5.2808, 7.2164,
10.9024

223.5390,
254.1109, 306.9374

■ 2.4494, 3.5978,
5.8879

269.8901,

■ 0.8698, 1.4512,

305.3765, 366.6295

2.7093

322.2427,
363.1113, 433.5986

■ 0.0000, 0.2540,
0.9481

■ 0.0000, 0.0000,
0.0000

■ 51.0028, 60.8434,
78.1631

■ 51.0028, 60.8434,
78.1631

■ 46.5420, 57.6750,
77.7877

■ 56.2589, 64.4372,
78.5808

■ 42.8279, 54.9024,
77.4483

■ 62.3445, 68.4696,
79.0384

■ 39.8154, 52.5038,
77.1441

■ 69.2984, 72.9623,
79.5390

■ 37.4517, 50.4519,
76.8726

■ 77.1556, 77.9331,
80.0844

■ 35.6770, 48.7159,
76.6310

■ 81.7840, 81.2520,
80.4810

■ 34.4198, 47.2588,
76.4161

■ 82.4210, 82.5260,
80.6934

■ 33.5661, 46.0361,
76.2250

■ 83.0665, 83.8171,
80.9085

■ 83.7207, 85.1253,
81.1266

■ 84.3835, 86.4509,
81.3475

Harmonies

Analogous

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



50.0765, 60.8434, 65.8162



51.0028, 60.8434, 78.1631



53.7354, 60.8434, 88.2598

Triad

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



51.0028, 60.8434, 78.1631



65.0768, 60.8434, 79.0032



57.9811, 60.8434, 45.5896

Complementary

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



51.0028, 60.8434, 78.1631



48.9616, 43.7372, 36.8731

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.



62.1271, 60.8434, 48.2390



51.0028, 60.8434, 78.1631



66.3448, 60.8434, 66.6819

Square

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



51.0028, 60.8434, 78.1631



61.8529, 60.8434, 88.7849



65.2404, 60.8434, 55.6100



53.9851, 60.8434, 47.8895

Rectangle

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



51.0028, 60.8434, 78.1631



56.2835, 60.8434, 91.8257



65.2404, 60.8434, 55.6100



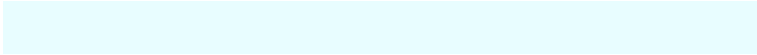
59.4042, 60.8434, 45.9247

Sweetspot

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



51.0046, 60.8458, 78.1645



86.3451, 94.3844, 108.2749



46.1349, 61.8103, 43.5430



18.2001, 20.0184, 23.1546



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.



51.0046, 60.8458, 78.1645



65.9726, 80.5823, 106.6846



43.3906, 45.6178, 75.6265



13.9879, 15.3149, 17.6065



19.9858, 27.4412, 45.2917



1.4210, 1.9734, 3.1513

Inverse Universe

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



54.1127, 43.8799, 69.9104



70.9172, 54.1433, 93.4296



55.6017, 57.0173, 39.0865



14.2301, 13.9097, 16.9819



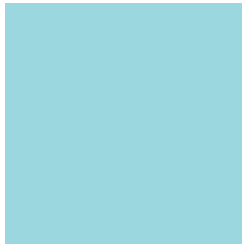
24.0281, 11.6782, 33.1434



1.6835, 0.8167, 2.3921

Previews

White Background



This preview shows how the XYZ color 51.0028, 60.8434, 78.1631 looks on a white background.

Color Contrast Check

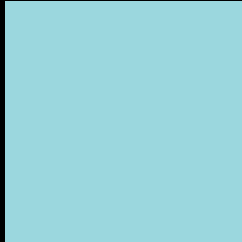
Large Text (above 18pt) WCAG AA × Fail

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 51.0028, 60.8434, 78.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

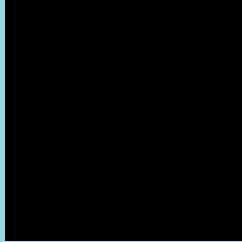
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0028, 60.8434, 78.1631

Background



This preview shows how black text looks on a background with the XYZ color 51.0028, 60.8434, 78.1631.



This preview shows how white text looks on a background with the XYZ color 51.0028, 60.8434,

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

51.0028, 60.8434, 78.1631

Protanopia

58.7985, 60.5973, 72.8874

Deuteranopia

61.5162, 60.1206, 79.5963



Tritanopia

52.3750, 61.0308, 84.6210

Trichromacy



Original Color

51.0028, 60.8434, 78.1631

Protanomaly

55.4612, 60.2524, 75.0364

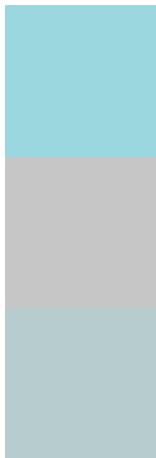
Deuteranomaly

57.0397, 59.9050, 79.0775

Tritanomaly

51.7605, 60.7625, 82.3991

Monochromacy



Original Color

51.0028, 60.8434, 78.1631

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.1468, 57.6358, 67.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0028, 60.8434, 78.1631 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(155, 215, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 215, 222)  
}
```

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(155, 215, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 215, 222) }
```

Border

The CSS property to change the border of an element to XYZ 51.0028, 60.8434, 78.1631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

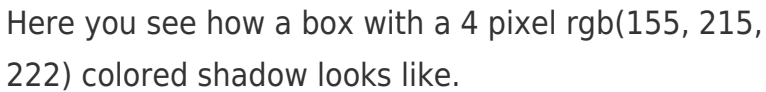
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 215, 222) }
```


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

```
.border{ border-color:rgb(155, 215, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 215, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 215, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 215, 222); box-shadow:4px 4px 4px 4px rgb(155, 215, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0028, 60.8434, 78.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 215, 222) }
```

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

```
.background{ background-color: rgb(155,  
215, 222) }
```

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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