

Converting Colors

XYZ(52.9577, 59.7105, 78.3616)

Have a look what the booklet for
XYZ(52.9577, 59.7105, 78.3616)
contains.

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Color

**XYZ(52.9143, 59.5866,
78.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD1DF
RGB	171, 209, 223
RGB Percent	67%, 82%, 87%
CMY	0.3294, 0.1804, 0.1255
CMYK	0.23, 0.06, 0.00, 0.13
HSL	196°, 45%, 77%
HSV	196°, 23%, 87%
XYZ	52.9143, 59.5866, 78.5245
YIQ	199.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

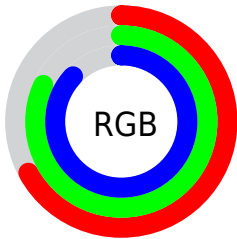
Format	Color
RYB	171, 193, 223
Decimal	11260383
CIELab	81.61, -9.42, -11.06
CIELCh	82, 14.527, 229.556
Yxy	59.5866, 0.2770, 0.3119
Android (android.graphics.Color)	4289450463 (0xFFABD1DF)
YUV	199.2340, 11.7166, -24.7612
Hunter-Lab	77.1924, -12.7273, -6.2785

Details

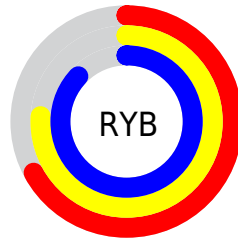
The XYZ color **52.9143, 59.5866, 78.5245** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1316, 53.3262, 45.9165**, and the grayscale version is **54.3732, 57.2048, 62.2960**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.2604, 30.1214, 41.4757** is the 20% darker color. If you saturate the color by 10%, you get **47.0159, 54.4020, 77.8356**, and if you desaturate by 10%, it is **59.6912, 65.3095, 79.2729**.

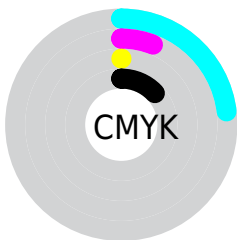
Distribution



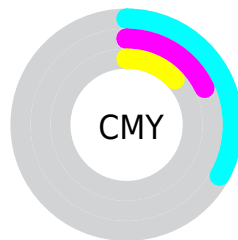
- Red (67%)
- Green (82%)
- Blue (87%)



- Red (67%)
- Yellow (76%)
- Blue (87%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9143, 59.5866, 78.5245 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 52.9143, 59.5866, 78.5245 by changing the saturation by 10% instead.

■ 52.9143, 59.5866,
78.5245

■ 52.9143, 59.5866,
78.5245

388.2225,
423.0723, 509.5213

■ 37.9616, 43.0855,
57.9859

■ 93.6445, 104.2297,
133.0818

■ 26.1299, 29.9522,
41.3827

120.1527,
133.1406, 167.9377

■ 17.0541, 19.8023,
28.2963

151.2434,
166.9568, 208.4030

■ 10.3686, 12.2514,
18.3081

187.2821,
206.0628, 254.8964

■ 5.7082, 6.9152,
10.9997

228.6339,
250.8429, 307.8364

■ 2.7074, 3.4091,
5.9525

275.6644,

■ 1.0010, 1.3489,

301.6816, 367.6415

2.7479

328.7388,
358.9633, 434.7303

■ 0.0000, 0.1786,
0.9674

■ 0.0000, 0.0000,
0.0000

■ 52.9143, 59.5866,
78.5245

■ 52.9143, 59.5866,
78.5245

■ 47.0159, 54.4020,
77.8356

■ 59.6912, 65.3095,
79.2729

■ 41.9491, 49.7260,
77.2001

■ 67.3801, 71.5843,
80.0788

■ 37.6702, 45.5369,
76.6171

■ 76.0192, 78.4331,
80.9455

■ 34.1295, 41.8079,
76.0839

■ 83.7027, 84.8742,
81.7838

■ 31.2712, 38.5095,
75.5979

■ 85.4312, 88.3313,
82.3599

■ 29.0309, 35.6074,
75.1558

■ 87.2181, 91.9051,
82.9556

■ 27.3309, 33.0605,
74.7538

■ 89.0640, 95.5968,
83.5708

■ 26.4121, 31.5130,
74.5035

■ 90.3195, 98.1078,
83.9893

Harmonies

Analogous

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



51.2851, 59.5866, 70.6677



52.9143, 59.5866, 78.5245



55.5785, 59.5866, 82.8448

Triad

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



52.9143, 59.5866, 78.5245



62.6027, 59.5866, 67.9731



54.6942, 59.5866, 50.3006

Complementary

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



52.9143, 59.5866, 78.5245



55.1316, 53.3262, 45.9165

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.



57.7053, 59.5866, 49.7198



52.9143, 59.5866, 78.5245



62.3451, 59.5866, 59.4167

Square

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



52.9143, 59.5866, 78.5245



61.2183, 59.5866, 76.4002



60.5267, 59.5866, 52.9148



52.2869, 59.5866, 54.5797

Rectangle

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



52.9143, 59.5866, 78.5245



57.6148, 59.5866, 82.8980



60.5267, 59.5866, 52.9148



55.6669, 59.5866, 49.6820

Sweetspot

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



52.9161, 59.5890, 78.5259



87.2714, 93.7429, 108.1022



51.9262, 64.9315, 55.6225



18.5425, 19.9532, 23.1240



0.0000, 0.0000, 0.0000



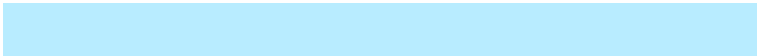
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9161, 59.5890, 78.5259



67.6538, 77.2257, 105.9481



47.0760, 47.9088, 76.5792



13.7882, 14.9155, 17.5400



15.6276, 18.7248, 43.8389



1.1560, 1.4434, 3.0629

Inverse Universe

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



56.5043, 49.4185, 66.8850



73.4060, 61.4184, 87.1759



61.0443, 65.1516, 47.8874



14.1293, 13.8694, 16.4512



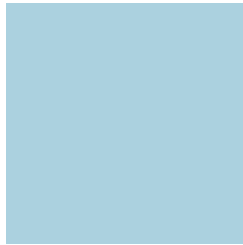
21.8283, 10.7983, 21.5594



1.5497, 0.7632, 1.6877

Previews

White Background



This preview shows how the XYZ color 52.9143, 59.5866, 78.5245 looks on a white background.

Color Contrast Check

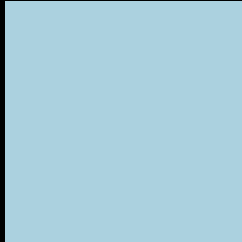
Large Text (above 18pt) WCAG AA × Fail

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 52.9143, 59.5866, 78.5245 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 52.9143, 59.5866, 78.5245

Background



This preview shows how black text looks on a background with the XYZ color 52.9143, 59.5866, 78.5245.



This preview shows how white text looks on a background with the XYZ color 52.9143, 59.5866,

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

52.9143, 59.5866, 78.5245

Protanopia

57.6289, 59.2528, 74.7292

Deuteranopia

60.4208, 59.2176, 79.4798



Tritanopia

53.1857, 59.6951, 79.9533

Trichromacy



Original Color

52.9143, 59.5866, 78.5245

Protanomaly

55.7463, 59.3002, 76.2181

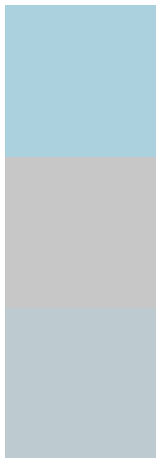
Deuteranomaly

57.1061, 58.8909, 78.8783

Tritanomaly

53.0496, 59.6407, 79.2368

Monochromacy



Original Color

52.9143, 59.5866, 78.5245

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7274, 58.0848, 68.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9143, 59.5866, 78.5245 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(171, 209, 223)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 223)  
}
```

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(171, 209, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 223) }
```

Border

The CSS property to change the border of an element to XYZ 52.9143, 59.5866, 78.5245 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(171, 209, 223) }
```


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

```
.border{ border-color:rgb(171, 209, 223) }
```

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

Here you see how a box with a 4 pixel rgb(171, 209, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 223);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9143, 59.5866, 78.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 223) }
```

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

```
.background{ background-color: rgb(171,  
209, 223) }
```

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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