

Converting Colors

XYZ(59.9516, 53.2487, 80.3740)

Have a look what the booklet for
XYZ(59.9516, 53.2487, 80.3740)
contains.

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Color

**XYZ(59.9425, 53.2138,
80.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB3E4
RGB	221, 179, 228
RGB Percent	87%, 70%, 89%
CMY	0.1333, 0.2980, 0.1059
CMYK	0.03, 0.21, 0.00, 0.11
HSL	291°, 48%, 80%
HSV	291°, 21%, 89%
XYZ	59.9425, 53.2138, 80.5108
YIQ	197.1440, 9.3030, 24.1430

Conversions

Conversions Part 2

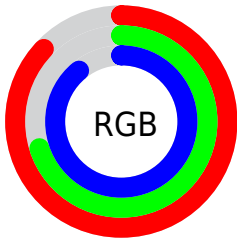
Format	Color
RYB	221, 179, 228
Decimal	14529508
CIELab	78.00, 23.60, -18.78
CIELCh	78, 30.165, 321.489
Yxy	53.2138, 0.3095, 0.2748
Android (android.graphics.Color)	4292719588 (0xFFDDB3E4)
YUV	197.1440, 15.2120, 20.9217
Hunter-Lab	72.9478, 19.0180, -14.3736

Details

The XYZ color **59.9425, 53.2138, 80.5108** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1317, 69.1820, 53.0455**, and the grayscale version is **53.0664, 55.8299, 60.7988**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.4243, 25.8996, 42.4253** is the 20% darker color. If you saturate the color by 10%, you get **54.7637, 44.3133, 79.0666**, and if you desaturate by 10%, it is **65.8993, 63.6398, 82.2101**.

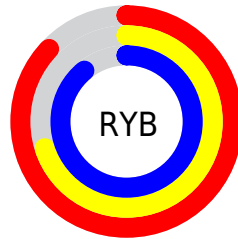
Distribution



Red (87%)

Green (70%)

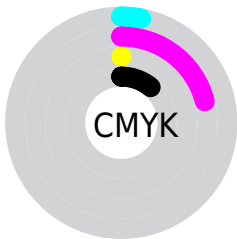
Blue (89%)



Red (87%)

Yellow (70%)

Blue (89%)

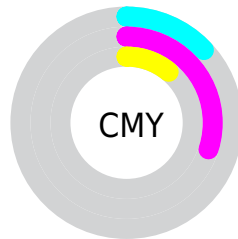


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9425, 53.2138, 80.5108 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 59.9425, 53.2138, 80.5108 by changing the saturation by 10% instead.

■ 59.9425, 53.2138,
80.5108

■ 59.9425, 53.2138,
80.5108

414.2239,
399.1048, 516.4047

■ 43.6216, 37.9735,
59.6101

■ 103.8531, 94.9189,
135.9015

■ 30.5697, 25.9621,
42.6812

132.1734,
122.1525, 171.2287

■ 20.4217, 16.7953,
29.3055

165.2243,
154.1526, 212.2018

■ 12.8120, 10.0886,
19.0645

203.3711,
191.3036, 259.2393

■ 7.3753, 5.4578,
11.5396

246.9790,
233.9899, 312.7598

■ 3.7463, 2.5183,
6.3123

296.4136,

■ 1.5596, 0.8858,

282.5960, 373.1818

2.9641

352.0401,
337.5062, 440.9240

■ 0.3659, 0.0000,
1.0763

■ 0.0000, 0.0000,
0.0000

■ 59.9425, 53.2138,
80.5108

■ 59.9425, 53.2138,
80.5108

■ 54.7637, 44.3133,
79.0666

■ 65.8993, 63.6398,
82.2101

■ 50.3208, 36.8572,
77.8616

■ 72.6639, 75.6536,
84.1724

■ 46.5751, 30.7672,
76.8835

■ 80.2704, 89.3224,
86.4099

■ 43.4823, 25.9549,
76.1176

■ 83.7054, 94.6191,
87.2512

40.9928, 22.3213,
75.5475

84.7849, 95.1756,
87.3017

39.0498, 19.7531,
75.1542

85.8841, 95.7422,
87.3531

37.5854, 18.1142,
74.9150

87.0033, 96.3192,
87.4055

36.6205, 17.2609,
74.8012

88.1424, 96.9064,
87.4588

89.3015, 97.5040,
87.5131

Harmonies

Analogous

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



54.8301, 53.2138, 93.5593



59.9425, 53.2138, 80.5108



62.5931, 53.2138, 62.8623

Triad

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



59.9425, 53.2138, 80.5108



52.2686, 53.2138, 31.4727



40.7781, 53.2138, 70.6185

Complementary

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



59.9425, 53.2138, 80.5108



56.1317, 69.1820, 53.0455

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.



40.2083, 53.2138, 53.2830



59.9425, 53.2138, 80.5108



46.5518, 53.2138, 32.7495

Square

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



59.9425, 53.2138, 80.5108



57.9433, 53.2138, 36.1333



42.2436, 53.2138, 40.0402



43.8651, 53.2138, 87.1222

Rectangle

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



59.9425, 53.2138, 80.5108



62.4757, 53.2138, 51.7330



42.2436, 53.2138, 40.0402



40.2958, 53.2138, 64.6264

Sweetspot

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



59.9441, 53.2161, 80.5120



89.5623, 90.2115, 107.2999



50.2290, 50.4531, 80.4907



19.0472, 19.0908, 22.9310



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.



59.9441, 53.2161, 80.5120



74.0240, 62.9939, 102.8653



59.8557, 53.4321, 68.6898



14.7821, 14.5054, 18.1651



21.2230, 10.0068, 43.1961



1.6240, 0.7682, 3.1946

Inverse Universe

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



56.9798, 52.2817, 53.5451



69.5860, 61.6114, 61.7545



56.3166, 69.0642, 62.6788



14.4604, 14.4014, 15.3591



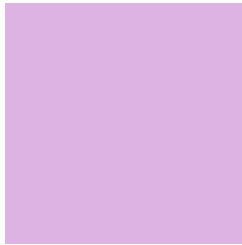
18.6560, 9.5966, 1.8173



1.4052, 0.7198, 0.2741

Previews

White Background



This preview shows how the XYZ color 59.9425, 53.2138, 80.5108 looks on a white background.

Color Contrast Check

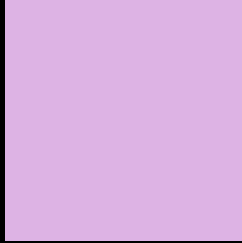
Large Text (above 18pt) WCAG AA × Fail

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 59.9425, 53.2138, 80.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

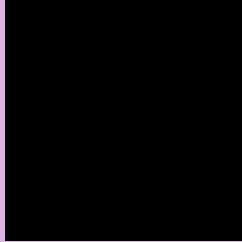
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9425, 53.2138, 80.5108

Background



This preview shows how black text looks on a background with the XYZ color 59.9425, 53.2138, 80.5108.



This preview shows how white text looks on a background with the XYZ color 59.9425, 53.2138,

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

59.9425, 53.2138, 80.5108

Protanopia

53.2996, 53.3850, 86.8520

Deuteranopia

54.4756, 53.1932, 79.3476



Tritanopia

56.0646, 53.1562, 61.3381

Trichromacy



Original Color

59.9425, 53.2138, 80.5108

Protanomaly

55.5043, 53.2942, 84.4522

Deuteranomaly

56.3909, 53.2231, 79.9740

Tritanomaly

57.2742, 53.0145, 68.1869

Monochromacy



Original Color

59.9425, 53.2138, 80.5108

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.2522, 54.5028, 67.2825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9425, 53.2138, 80.5108 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(221, 179, 228)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 228)  
}
```

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(221, 179, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.9425, 53.2138, 80.5108 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(221, 179, 228) }
```


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

```
.border{ border-color:rgb(221, 179, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 179, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 179, 228); box-shadow:4px 4px 4px 4px rgb(221, 179, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9425, 53.2138, 80.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 228) }
```

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

```
.background{ background-color: rgb(221,  
179, 228) }
```

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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