

Converting Colors

XYZ(57.9615, 52.2213, 81.0490)

Have a look what the booklet for
XYZ(57.9615, 52.2213, 81.0490)
contains.

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Color

**XYZ(57.9945, 52.1935,
81.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B3E5
RGB	214, 179, 229
RGB Percent	84%, 70%, 90%
CMY	0.1608, 0.2980, 0.1020
CMYK	0.07, 0.22, 0.00, 0.10
HSL	282°, 49%, 80%
HSV	282°, 22%, 90%
XYZ	57.9945, 52.1935, 81.1464
YIQ	195.1650, 4.8100, 22.9700

Conversions

Conversions Part 2

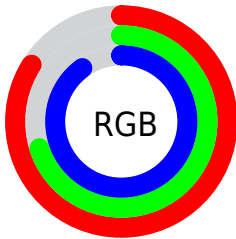
Format	Color
R _Y B	214, 179, 229
Decimal	14070757
CIE Lab	77.40, 21.51, -20.30
CIE LCh	77, 29.580, 316.663
Yxy	52.1935, 0.3031, 0.2728
Android (android.graphics.Color)	4292260837 (0xFFD6B3E5)
YUV	195.1650, 16.6807, 16.5183
Hunter-Lab	72.2451, 16.8614, -16.0236

Details

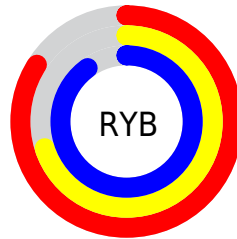
The XYZ color **57.9945, 52.1935, 81.1464** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.4059, 70.7639, 53.2309**, and the grayscale version is **51.8732, 54.5746, 59.4318**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **29.3018, 25.3098, 42.8761** is the 20% darker color. If you saturate the color by 10%, you get **51.8179, 42.7536, 79.6507**, and if you desaturate by 10%, it is **65.0210, 63.2057, 82.9024**.

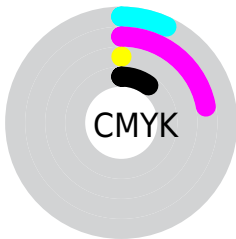
Distribution



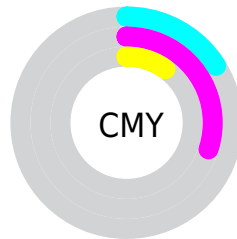
- Red (84%)
- Green (70%)
- Blue (90%)



- Red (84%)
- Yellow (70%)
- Blue (90%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9945, 52.1935, 81.1464 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 57.9945, 52.1935, 81.1464 by changing the saturation by 10% instead.

57.9945, 52.1935,
81.1464

57.9945, 52.1935,
81.1464

407.1196,
395.1832, 518.5962

42.0475, 37.1593,
60.1305

101.0379, 93.4165,
136.8022

29.3297, 25.3309,
43.0978

128.8649,
120.3742, 172.2792

19.4759, 16.3237,
29.6299

161.3827,
152.0752, 213.4136

12.1207, 9.7535,
19.3082

198.9565,
188.9038, 260.6241

6.8987, 5.2358,
11.7141

241.9517,
231.2446, 314.3290

3.4446, 2.3863,
6.4292

290.7338,

1.3930, 0.8188,

279.4818, 374.9469

3.0348

345.6680,
333.9998, 442.8965

■ 0.2512, 0.0000,
1.1124

■ 0.0000, 0.0000,
0.0000

■ 57.9945, 52.1935,
81.1464

■ 57.9945, 52.1935,
81.1464

■ 51.8179, 42.7536,
79.6507

■ 65.0210, 63.2057,
82.9024

■ 46.4478, 34.8037,
78.3992

■ 72.9287, 75.8541,
84.9270

■ 41.8440, 28.2638,
77.3795

■ 81.7529, 90.2071,
87.2324

■ 37.9605, 23.0437,
76.5766

■ 86.3436, 95.9630,
88.1014

■ 34.7461, 19.0425,
75.9737

■ 88.7396, 97.1982,
88.2135

■ 32.1420, 16.1444,
75.5516

■ 91.1430, 98.4372,
88.3260

■ 30.0779, 14.2103,
75.2871

■ 28.7000, 13.1616,
75.1573

Harmonies

Analogous

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



52.8104, 52.1935, 92.4222



57.9945, 52.1935, 81.1464



61.0276, 52.1935, 64.3647

Triad

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



57.9945, 52.1935, 81.1464



52.1739, 52.1935, 31.4789



39.8524, 52.1935, 66.2912

Complementary

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



57.9945, 52.1935, 81.1464



58.4059, 70.7639, 53.2309

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.



39.7106, 52.1935, 49.9072



57.9945, 52.1935, 81.1464



46.5384, 52.1935, 31.7973

Square

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



57.9945, 52.1935, 81.1464



57.4979, 52.1935, 36.9593



42.0723, 52.1935, 37.9324



42.4757, 52.1935, 82.7870

Rectangle

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



57.9945, 52.1935, 81.1464



61.2817, 52.1935, 53.2731



42.0723, 52.1935, 37.9324



39.5203, 52.1935, 60.5415

Sweetspot

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



57.9961, 52.1957, 81.1475



87.6748, 88.1337, 106.9983



52.2131, 54.1987, 81.8389



18.6356, 18.6559, 22.8687



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.



57.9961, 52.1957, 81.1475



70.4802, 61.1671, 102.6995



61.3309, 54.0589, 74.7976



14.5521, 14.3868, 18.1543



16.5361, 7.5906, 42.9767



1.3147, 0.6087, 3.1802

Inverse Universe

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



58.1726, 52.7955, 58.1659



70.8311, 62.1094, 68.3113



55.7066, 69.2617, 58.1063



14.5540, 14.4388, 15.8520



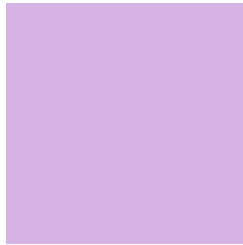
19.1304, 9.7864, 4.3157



1.4536, 0.7392, 0.5293

Previews

White Background



This preview shows how the XYZ color 57.9945, 52.1935, 81.1464 looks on a white background.

Color Contrast Check

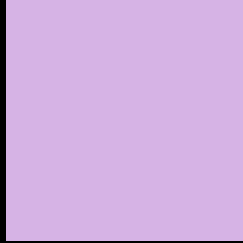
Large Text (above 18pt) WCAG AA × Fail

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 57.9945, 52.1935, 81.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

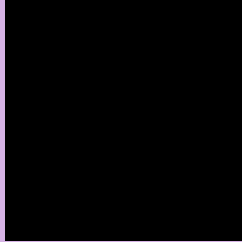
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9945, 52.1935, 81.1464

Background



This preview shows how black text looks on a background with the XYZ color 57.9945, 52.1935, 81.1464.



This preview shows how white text looks on a background with the XYZ color 57.9945, 52.1935,

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

57.9945, 52.1935, 81.1464

Protanopia

52.1603, 52.1546, 86.6746

Deuteranopia

53.3737, 52.2932, 79.9535



Tritanopia

53.7438, 51.9598, 61.2295

Trichromacy



Original Color

57.9945, 52.1935, 81.1464

Protanomaly

53.7952, 51.7876, 84.2515

Deuteranomaly

54.9635, 52.1618, 80.5701

Tritanomaly

55.2248, 51.9579, 68.0910

Monochromacy



Original Color

57.9945, 52.1935, 81.1464

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8172, 53.4567, 66.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9945, 52.1935, 81.1464 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(214, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(214, 179, 229)  
}
```

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(214, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 179, 229) }
```

Border

The CSS property to change the border of an element to XYZ 57.9945, 52.1935, 81.1464 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(214, 179, 229) }
```


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

```
.border{ border-color:rgb(214, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(214, 179,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9945, 52.1935, 81.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 179, 229) }
```

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

```
.background{ background-color: rgb(214,  
179, 229) }
```

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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