

Converting Colors

XYZ(57.5133, 53.9177, 77.0733)

Have a look what the booklet for
XYZ(57.5133, 53.9177, 77.0733)
contains.

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Color

**XYZ(57.5322, 53.8745,
77.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B9DF
RGB	211, 185, 223
RGB Percent	83%, 73%, 87%
CMY	0.1725, 0.2745, 0.1255
CMYK	0.05, 0.17, 0.00, 0.13
HSL	281°, 37%, 80%
HSV	281°, 17%, 87%
XYZ	57.5322, 53.8745, 77.1786
YIQ	197.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

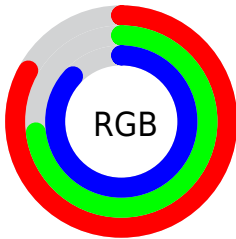
Format	Color
R _{YB}	211, 185, 223
Decimal	13875679
CIE Lab	78.39, 16.11, -15.58
CIE LCh	78, 22.413, 315.946
Yxy	53.8745, 0.3051, 0.2857
Android (android.graphics.Color)	4292065759 (0xFFD3B9DF)
YUV	197.1060, 12.7657, 12.1850
Hunter-Lab	73.3993, 11.4642, -10.9634

Details

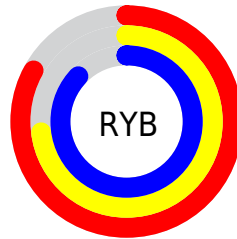
The XYZ color **57.5322, 53.8745, 77.1786** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.1725, 68.1499, 55.9898**, and the grayscale version is **53.0602, 55.8235, 60.7918**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.0294, 26.3976, 40.6110** is the 20% darker color. If you saturate the color by 10%, you get **51.2549, 44.2490, 75.6524**, and if you desaturate by 10%, it is **64.6328, 65.0135, 78.9552**.

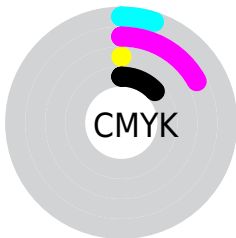
Distribution



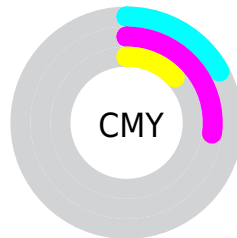
- Red (83%)
- Green (73%)
- Blue (87%)



- Red (83%)
- Yellow (73%)
- Blue (87%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5322, 53.8745, 77.1786 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 57.5322, 53.8745, 77.1786 by changing the saturation by 10% instead.

■ 57.5322, 53.8745,
77.1786

■ 57.5322, 53.8745,
77.1786

405.4226,
401.6313, 504.8266

■ 41.6745, 38.5013,
56.8870

■ 100.3682, 95.8900,
131.1669

■ 29.0365, 26.3720,
40.5058

128.0772,
123.3010, 165.7007

■ 19.2528, 17.1022,
27.6163

160.4673,
155.4935, 205.8189

■ 11.9582, 10.3074,
17.8001

197.9040,
192.8519, 251.9403

■ 6.7872, 5.6032,
10.6386

240.7525,
235.7604, 304.4831

■ 3.3745, 2.6053,
5.7133

289.3781,

■ 1.3548, 0.9294,

284.6035, 363.8661

2.6056

344.1464,
339.7657, 430.5078

■ 0.2237, 0.0000,
0.8953

■ 0.0000, 0.0000,
0.0000

■ 57.5322, 53.8745,
77.1786

■ 57.5322, 53.8745,
77.1786

■ 51.2549, 44.2490,
75.6524

■ 64.6328, 65.0135,
78.9552

■ 45.7609, 36.0614,
74.3616

■ 72.5848, 77.7233,
80.9893

■ 41.0139, 29.2402,
73.2951

■ 81.4207, 92.0664,
83.2921

■ 36.9729, 23.7045,
72.4396

■ 84.7341, 95.2284,
83.7278

■ 33.5921, 19.3649,
71.7802

■ 87.1607, 96.4794,
83.8414

■ 30.8201, 16.1203,
71.3000

■ 89.6810, 97.7786,
83.9593

■ 28.5967, 13.8522,
70.9794

■ 90.3194, 98.1078,
83.9892

■ 26.8438, 12.4063,
70.7927

■ 26.3764, 12.0589,
70.7503

Harmonies

Analogous

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



53.5664, 53.8745, 85.1870



57.5322, 53.8745, 77.1786



59.8622, 53.8745, 64.7449

Triad

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



57.5322, 53.8745, 77.1786



53.2888, 53.8745, 38.1499



43.4923, 53.8745, 65.5739

Complementary

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



57.5322, 53.8745, 77.1786



58.1725, 68.1499, 55.9898

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.



43.4275, 53.8745, 52.9691



57.5322, 53.8745, 77.1786



48.9161, 53.8745, 38.3056

Square

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



57.5322, 53.8745, 77.1786



57.3190, 53.8745, 42.9087



45.3616, 53.8745, 43.3696



45.5441, 53.8745, 77.8599

Rectangle

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



57.5322, 53.8745, 77.1786



60.0931, 53.8745, 56.1852



45.3616, 53.8745, 43.3696



43.2415, 53.8745, 61.2068

Sweetspot

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



57.5338, 53.8768, 77.1798



89.6507, 91.3775, 107.5203



53.3028, 55.5919, 77.7338



19.0316, 19.3086, 22.9738



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.



57.5338, 53.8768, 77.1798



75.2036, 68.7380, 103.9118



60.1810, 55.3477, 72.5009



13.8520, 13.7073, 17.3034



15.6306, 7.1532, 41.6052



1.1748, 0.5429, 2.8881

Inverse Universe

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



57.8603, 54.4195, 60.2803



75.7652, 69.6187, 77.2283



55.9079, 66.8953, 59.8176



13.8847, 13.7715, 15.1629



18.5964, 9.5056, 4.5406



1.3286, 0.6747, 0.5235

Previews

White Background



This preview shows how the XYZ color 57.5322, 53.8745, 77.1786 looks on a white background.

Color Contrast Check

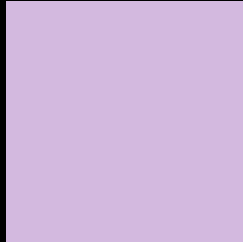
Large Text (above 18pt) WCAG AA × Fail

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 57.5322, 53.8745, 77.1786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

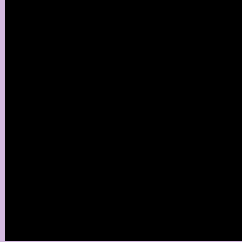
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5322, 53.8745, 77.1786

Background



This preview shows how black text looks on a background with the XYZ color 57.5322, 53.8745, 77.1786.



This preview shows how white text looks on a background with the XYZ color 57.5322, 53.8745,

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

57.5322, 53.8745, 77.1786

Protanopia

53.3467, 53.8655, 80.9842

Deuteranopia

55.2018, 53.9485, 76.6109



Tritanopia

54.7751, 53.6881, 63.9758

Trichromacy



Original Color

57.5322, 53.8745, 77.1786

Protanomaly

54.6900, 53.6219, 79.4191

Deuteranomaly

56.0699, 54.0777, 76.5901

Tritanomaly

55.6977, 53.7491, 68.4118

Monochromacy



Original Color

57.5322, 53.8745, 77.1786

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.5677, 55.1527, 66.1620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5322, 53.8745, 77.1786 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(211, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 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(211, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.5322, 53.8745, 77.1786 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(211, 185, 223) }
```


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

```
.border{ border-color:rgb(211, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 185,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5322, 53.8745, 77.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 223) }
```

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

```
.background{ background-color: rgb(211,  
185, 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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