

Converting Colors

XYZ(58.8037, 53.4253, 74.2150)

Have a look what the booklet for
XYZ(58.8037, 53.4253, 74.2150)
contains.

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Color

**XYZ(58.8253, 53.3779,
74.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB5DB
RGB	220, 181, 219
RGB Percent	86%, 71%, 86%
CMY	0.1372, 0.2902, 0.1412
CMYK	0.00, 0.18, 0.00, 0.14
HSL	302°, 36%, 79%
HSV	302°, 18%, 86%
XYZ	58.8253, 53.3779, 74.2204
YIQ	196.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

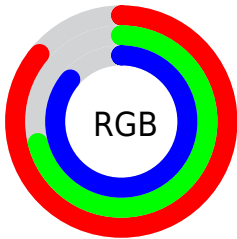
Format	Color
R _Y B	220, 181, 219
Decimal	14464475
CIE Lab	78.10, 20.51, -13.78
CIE LCh	78, 24.706, 326.104
Yxy	53.3779, 0.3155, 0.2863
Android (android.graphics.Color)	4292654555 (0xFFDCB5DB)
YUV	196.9930, 10.8495, 20.1771
Hunter-Lab	73.0602, 15.8661, -9.0894

Details

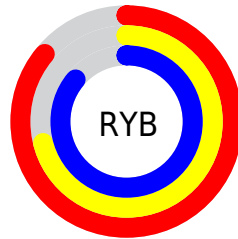
The XYZ color **58.8253, 53.3779, 74.2204** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **53.0949, 64.3892, 53.8889**, and the grayscale version is **53.0000, 55.7601, 60.7228**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.9371, 26.1180, 38.5854** is the 20% darker color. If you saturate the color by 10%, you get **54.6268, 45.0987, 72.4555**, and if you desaturate by 10%, it is **63.7336, 63.0745, 76.2243**.

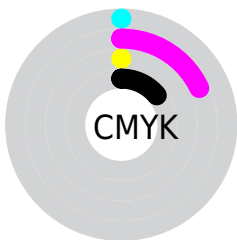
Distribution



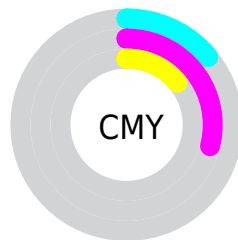
- Red (86%)
- Green (71%)
- Blue (86%)



- Red (86%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8253, 53.3779, 74.2204 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 58.8253, 53.3779, 74.2204 by changing the saturation by 10% instead.

 58.8253, 53.3779,
74.2204

 58.8253, 53.3779,
74.2204


410.1587,
399.7333, 494.4174

 42.7183, 38.1045,
54.4766


 102.2398, 95.1602,
126.9451

 29.8577, 26.0638,
38.5870


130.2780,
122.4379, 160.7631

 19.8782, 16.8714,
26.1333


163.0241,
154.4859, 200.1095

 12.4143, 10.1428,
16.6967

200.8432,
191.6885, 245.4029

 7.1007, 5.4938,
9.8588

244.1009,
234.4302, 297.0619

 3.5720, 2.5398,
5.2011

293.1625,

 1.4630, 0.8965,

283.0953, 355.5049

2.3049

348.3933,
338.0682, 421.1506

■ 0.3004, 0.0000,
0.7340

■ 0.0000, 0.0000,
0.0000

■ 58.8253, 53.3779,
74.2204

■ 58.8253, 53.3779,
74.2204

■ 54.6268, 45.0987,
72.4555

■ 63.7336, 63.0745,
76.2243

■ 51.1002, 38.1638,
70.9153

■ 69.3778, 74.2434,
78.4742

■ 48.2114, 32.5042,
69.5889

■ 75.7885, 86.9450,
80.9808

■ 45.9215, 28.0418,
68.4633

■ 78.3613, 91.9701,
82.2093

44.1871, 24.6901,
67.5242

78.4368, 92.0003,
82.6067

42.9591, 22.3508,
66.7551

78.5125, 92.0306,
83.0053

42.1799, 20.9088,
66.1368

78.5884, 92.0610,
83.4053

41.7698, 20.2044,
65.6428

78.6646, 92.0915,
83.8067

41.6990, 20.0892,
65.5381

78.7411, 92.1221,
84.2094

Harmonies

Analogous

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



54.9237, 53.3779, 85.3724



58.8253, 53.3779, 74.2204



60.5574, 53.3779, 59.9423

Triad

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



58.8253, 53.3779, 74.2204



51.3667, 53.3779, 35.4498



42.8557, 53.3779, 70.6026

Complementary

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



58.8253, 53.3779, 74.2204



53.0949, 64.3892, 53.8889

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.



42.0351, 53.3779, 56.3339



58.8253, 53.3779, 74.2204



46.7631, 53.3779, 37.3878

Square

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



58.8253, 53.3779, 74.2204



56.0822, 53.3779, 38.7485



43.4211, 53.3779, 44.5337



45.7373, 53.3779, 83.0622

Rectangle

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



58.8253, 53.3779, 74.2204



60.1729, 53.3779, 51.0612



43.4211, 53.3779, 44.5337



42.3378, 53.3779, 65.7999

Sweetspot

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



58.8269, 53.3802, 74.2215



91.0640, 92.1121, 107.3118



48.6534, 48.1203, 74.4350



19.3761, 19.4876, 22.9229



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.



58.8269, 53.3802, 74.2215



80.0613, 70.3752, 102.8166



56.4488, 52.4290, 61.6984



13.5992, 13.2688, 16.4167



24.4791, 11.7927, 38.4985



1.5905, 0.7659, 2.5187

Inverse Universe

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



58.8269, 53.3802, 74.2215



80.0613, 70.3752, 102.8166



55.2115, 65.2358, 65.0347



13.5992, 13.2688, 16.4167



24.4791, 11.7927, 38.4985



1.5905, 0.7659, 2.5187

Previews

White Background



This preview shows how the XYZ color 58.8253, 53.3779, 74.2204 looks on a white background.

Color Contrast Check

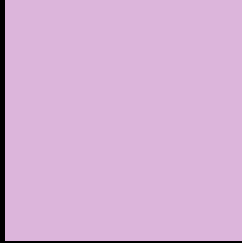
Large Text (above 18pt) WCAG AA × Fail

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 58.8253, 53.3779, 74.2204 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 58.8253, 53.3779, 74.2204

Background



This preview shows how black text looks on a background with the XYZ color 58.8253, 53.3779, 74.2204.



This preview shows how white text looks on a background with the XYZ color 58.8253, 53.3779,

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

58.8253, 53.3779, 74.2204

Protanopia

53.0706, 53.7551, 79.5301

Deuteranopia

54.7255, 53.4459, 73.7614



Tritanopia

56.2730, 53.5732, 61.4076

Trichromacy



Original Color

58.8253, 53.3779, 74.2204

Protanomaly

54.8557, 53.4363, 77.2351

Deuteranomaly

56.0163, 53.1698, 73.6401

Tritanomaly

57.1945, 53.6426, 65.7321

Monochromacy



Original Color

58.8253, 53.3779, 74.2204

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8271, 54.6485, 65.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8253, 53.3779, 74.2204 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(220, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(220, 181, 219)  
}
```

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(220, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 181, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.8253, 53.3779, 74.2204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

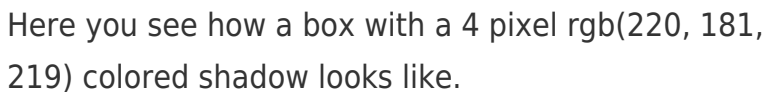
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 181, 219) }
```


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

```
.border{ border-color:rgb(220, 181, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(220, 181,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8253, 53.3779, 74.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 181, 219) }
```

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

```
.background{ background-color: rgb(220,  
181, 219) }
```

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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