

Converting Colors

XYZ(57.9296, 54.5153, 76.3444)

Have a look what the booklet for
XYZ(57.9296, 54.5153, 76.3444)
contains.

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Color

**XYZ(57.8951, 54.3888,
76.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BADE
RGB	212, 186, 222
RGB Percent	83%, 73%, 87%
CMY	0.1686, 0.2706, 0.1294
CMYK	0.05, 0.16, 0.00, 0.13
HSL	283°, 35%, 80%
HSV	283°, 16%, 87%
XYZ	57.8951, 54.3888, 76.5539
YIQ	197.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

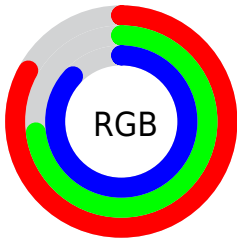
Format	Color
R _Y B	212, 186, 222
Decimal	13941470
CIE Lab	78.69, 15.70, -14.59
CIE LCh	79, 21.434, 317.115
Yxy	54.3888, 0.3066, 0.2880
Android (android.graphics.Color)	4292131550 (0xFFD4BADE)
YUV	197.8780, 11.8921, 12.3850
Hunter-Lab	73.7488, 11.0678, -9.9210

Details

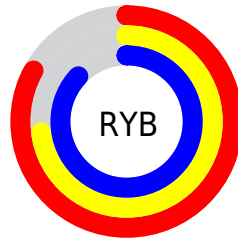
The XYZ color **57.8951, 54.3888, 76.5539** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.7511, 67.5249, 56.4469**, and the grayscale version is **53.5322, 56.3201, 61.3326**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.2672, 26.7332, 40.1767** is the 20% darker color. If you saturate the color by 10%, you get **51.8332, 44.8532, 75.0337**, and if you desaturate by 10%, it is **64.7548, 65.4172, 78.3219**.

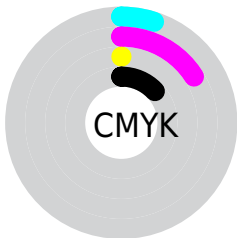
Distribution



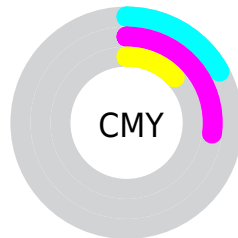
- Red (83%)
- Green (73%)
- Blue (87%)



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



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8951, 54.3888, 76.5539 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 57.8951, 54.3888, 76.5539 by changing the saturation by 10% instead.

■ 57.8951, 54.3888,
76.5539

■ 57.8951, 54.3888,
76.5539

406.7551,
403.5909, 502.6389

■ 41.9673, 38.9126,
56.3774

■ 100.8939, 96.6449,
130.2768

■ 29.2666, 26.6917,
40.0996

128.6956,
124.1935, 164.6604

■ 19.4279, 17.3418,
27.3018

161.1860,
156.5351, 204.6167

■ 12.0857, 10.4785,
17.5656

198.7303,
194.0540, 250.5643

■ 6.8747, 5.7174,
10.4724

241.6941,
237.1347, 302.9218

■ 3.4295, 2.6740,
5.6036

290.4426,

■ 1.3847, 0.9640,

286.1614, 362.1077

2.5407

345.3411,
341.5187, 428.5406

■ 0.2453, 0.0000,
0.8616

■ 0.0000, 0.0000,
0.0000

■ 57.8951, 54.3888,
76.5539

■ 57.8951, 54.3888,
76.5539

■ 51.8332, 44.8532,
75.0337

■ 64.7548, 65.4172,
78.3219

■ 46.5300, 36.7362,
73.7464

■ 72.4393, 77.9943,
80.3445

■ 41.9502, 29.9675,
72.6813

■ 80.9804, 92.1818,
82.6328

■ 38.0538, 24.4681,
71.8252

■ 83.7598, 94.7417,
82.9804

■ 34.7965, 20.1506,
71.1635

■ 85.8508, 95.8196,
83.0783

■ 32.1282, 16.9163,
70.6799

■ 88.0132, 96.9344,
83.1795

■ 29.9909, 14.6499,
70.3551

■ 90.1850, 98.0540,
83.2811

■ 28.3120, 13.2077,
70.1652

■ 27.7484, 12.7817,
70.1127

Harmonies

Analogous

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



54.1290, 54.3888, 84.4263



57.8951, 54.3888, 76.5539



60.0476, 54.3888, 64.5752

Triad

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



57.8951, 54.3888, 76.5539



53.5324, 54.3888, 39.2684



44.2953, 54.3888, 66.3532

Complementary

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



57.8951, 54.3888, 76.5539



57.7511, 67.5249, 56.4469

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.



44.1551, 54.3888, 54.1697



57.8951, 54.3888, 76.5539



49.3349, 54.3888, 39.6082

Square

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



57.8951, 54.3888, 76.5539



57.4379, 54.3888, 43.7208



45.9540, 54.3888, 44.7228



46.3481, 54.3888, 78.0078

Rectangle

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



57.8951, 54.3888, 76.5539



60.2051, 54.3888, 56.3778



45.9540, 54.3888, 44.7228



44.0271, 54.3888, 62.1565

Sweetspot

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



57.8967, 54.3911, 76.5551



89.8255, 91.4676, 107.5284



53.2218, 55.2856, 76.9741



19.0742, 19.3305, 22.9758



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.



57.8967, 54.3911, 76.5551



76.7145, 70.4240, 104.1576



59.8479, 55.5150, 71.3148



13.9044, 13.7343, 17.3058



16.5947, 7.6502, 41.6504



1.2357, 0.5743, 2.8910

Inverse Universe

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



57.6488, 54.6353, 59.7344



76.3634, 70.8357, 77.3643



56.0881, 66.5691, 60.8166



13.8629, 13.7628, 15.0483



18.4450, 9.4450, 3.7431



1.3159, 0.6696, 0.4564

Previews

White Background



This preview shows how the XYZ color 57.8951, 54.3888, 76.5539 looks on a white background.

Color Contrast Check

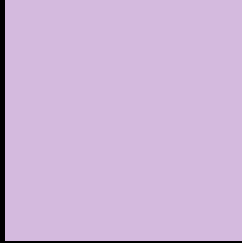
Large Text (above 18pt) WCAG AA × Fail

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 57.8951, 54.3888, 76.5539 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 57.8951, 54.3888, 76.5539

Background



This preview shows how black text looks on a background with the XYZ color 57.8951, 54.3888, 76.5539.



This preview shows how white text looks on a background with the XYZ color 57.8951, 54.3888,

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

57.8951, 54.3888, 76.5539

Protanopia

53.9214, 54.5048, 80.3516

Deuteranopia

55.5520, 54.4649, 75.9915



Tritanopia

55.3912, 54.3101, 64.6902

Trichromacy



Original Color

57.8951, 54.3888, 76.5539

Protanomaly

55.0300, 54.1335, 78.7826

Deuteranomaly

56.4256, 54.5948, 75.9705

Tritanomaly

56.3194, 54.3712, 69.1544

Monochromacy



Original Color

57.8951, 54.3888, 76.5539

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.1829, 55.7851, 66.8906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8951, 54.3888, 76.5539 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(212, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 222)  
}
```

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(212, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 57.8951, 54.3888, 76.5539 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(212, 186, 222) }
```


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

```
.border{ border-color:rgb(212, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8951, 54.3888, 76.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 222) }
```

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

```
.background{ background-color: rgb(212,  
186, 222) }
```

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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