

Converting Colors

XYZ(53.4123, 43.3620, 79.4543)

Have a look what the booklet for
XYZ(53.4123, 43.3620, 79.4543)
contains.

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Color

**XYZ(53.3048, 43.2460,
79.6666)**

Conversions

Conversions Part 1

Format	Color
Hex	D59BE5
RGB	213, 155, 229
RGB Percent	84%, 61%, 90%
CMY	0.1647, 0.3921, 0.1020
CMYK	0.07, 0.32, 0.00, 0.10
HSL	287°, 59%, 75%
HSV	287°, 32%, 90%
XYZ	53.3048, 43.2460, 79.6666
YIQ	180.7780, 10.8140, 35.3100

Conversions

Conversions Part 2

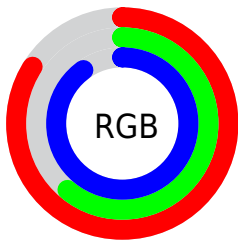
Format	Color
R _Y B	213, 155, 229
Decimal	13999077
CIE Lab	71.72, 34.22, -28.98
CIE LCh	72, 44.840, 319.745
Yxy	43.2460, 0.3025, 0.2454
Android (android.graphics.Color)	4292189157 (0xFFD59BE5)
YUV	180.7780, 23.7734, 28.2587
Hunter-Lab	65.7617, 29.6047, -25.7933

Details

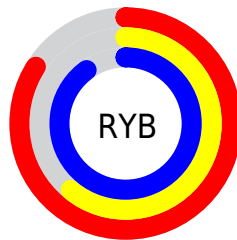
The XYZ color **53.3048, 43.2460, 79.6666** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.7318, 67.0642, 41.2832**, and the grayscale version is **43.6740, 45.9485, 50.0379**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **26.2977, 19.8857, 41.9875** is the 20% darker color. If you saturate the color by 10%, you get **48.4351, 35.6053, 78.4491**, and if you desaturate by 10%, it is **58.9439, 52.3583, 81.1289**.

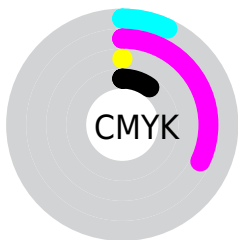
Distribution



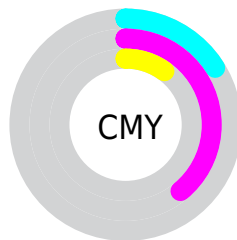
- Red (84%)
- Green (61%)
- Blue (90%)



- Red (84%)
- Yellow (61%)
- Blue (90%)



- Cyan (7%)
- Magenta (32%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3048, 43.2460, 79.6666 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 53.3048, 43.2460, 79.6666 by changing the saturation by 10% instead.

53.3048, 43.2460,
79.6666

53.3048, 43.2460,
79.6666

389.6952,
359.6225, 513.4856

38.2746, 30.0782,
58.9195

94.2156, 80.0820,
134.7040

26.3741, 19.8979,
42.1287

120.8269,
104.5189, 169.8315

17.2378, 12.3209,
28.8758

152.0294,
133.4809, 210.5894

10.5006, 6.9626,
18.7421

188.1882,
167.3526, 257.3964

5.7969, 3.4387,
11.3091

229.6689,
206.5181, 310.6709

2.7615, 1.3648,
6.1584

276.8367,

1.0289, 0.1906,

251.3620, 370.8317

2.8713

330.0570,
302.2687, 438.2970

■ 0.0000, 0.0000,
1.0293

■ 0.0000, 0.0000,
0.0000

■ 53.3048, 43.2460,
79.6666

■ 53.3048, 43.2460,
79.6666

■ 48.4351, 35.6053,
78.4491

■ 58.9439, 52.3583,
81.1289

■ 44.2891, 29.3486,
77.4600

■ 65.3862, 63.0124,
82.8458

■ 40.8228, 24.3874,
76.6850

■ 72.6686, 75.2805,
84.8299

■ 37.9854, 20.6205,
76.1075

■ 80.8245, 89.2286,
87.0924

35.7184, 17.9315,
75.7080

85.0819, 95.3126,
88.0423

33.9513, 16.1804,
75.4631

86.7651, 96.1803,
88.1211

32.8463, 15.2991,
75.3512

88.4944, 97.0718,
88.2020

90.2701, 97.9872,
88.2851

91.1430, 98.4372,
88.3259

Harmonies

Analogous

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



46.2448, 43.2460, 98.5286



53.3048, 43.2460, 79.6666



57.2385, 43.2460, 54.9444

Triad

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



53.3048, 43.2460, 79.6666



43.7629, 43.2460, 16.7297



28.8194, 43.2460, 62.7003

Complementary

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



53.3048, 43.2460, 79.6666



50.7318, 67.0642, 41.2832

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.



28.3280, 43.2460, 40.0179



53.3048, 43.2460, 79.6666



36.3591, 43.2460, 17.6454

Square

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



53.3048, 43.2460, 79.6666



51.2964, 43.2460, 21.8118



30.9233, 43.2460, 24.8780



32.3600, 43.2460, 86.8269

Rectangle

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



53.3048, 43.2460, 79.6666



57.2667, 43.2460, 40.3488



30.9233, 43.2460, 24.8780



28.3104, 43.2460, 54.5377

Sweetspot

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



53.3062, 43.2479, 79.6675



85.4484, 83.7650, 106.2724



42.2314, 41.7661, 79.9652



18.0197, 17.4773, 22.6737



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.



53.3062, 43.2479, 79.6675



63.6300, 48.2537, 100.5680



55.4250, 44.6582, 65.3960



14.6742, 14.4498, 18.1600



18.8855, 8.8017, 43.0867



1.4716, 0.6896, 3.1875

Inverse Universe

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



51.3866, 43.0428, 44.1297



60.9941, 48.0626, 47.6847



49.3716, 66.1416, 51.2233



14.5039, 14.4187, 15.5879



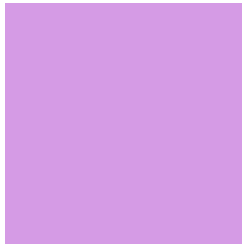
18.8346, 9.6680, 2.7578



1.4258, 0.7280, 0.3828

Previews

White Background



This preview shows how the XYZ color 53.3048, 43.2460, 79.6666 looks on a white background.

Color Contrast Check

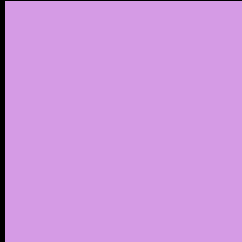
Large Text (above 18pt) WCAG AA × Fail

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 53.3048, 43.2460, 79.6666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

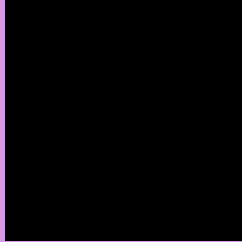
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3048, 43.2460, 79.6666

Background



This preview shows how black text looks on a background with the XYZ color 53.3048, 43.2460, 79.6666.



This preview shows how white text looks on a background with the XYZ color 53.3048, 43.2460,

79.6666.

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

53.3048, 43.2460, 79.6666

Protanopia

44.8313, 43.7117, 90.8684

Deuteranopia

44.6074, 43.5936, 78.0149



Tritanopia

46.9446, 43.2464, 47.9926

Trichromacy



Original Color

53.3048, 43.2460, 79.6666



Protanomaly

47.1558, 43.0406, 86.7112



Deuteranomaly

47.2685, 43.0088, 78.4833



Tritanomaly

49.1174, 43.0763, 58.5491

Monochromacy



Original Color

53.3048, 43.2460, 79.6666



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

46.9379, 44.9197, 59.6226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3048, 43.2460, 79.6666 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(213, 155, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 155, 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(213, 155, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 155, 229) }
```

Border

The CSS property to change the border of an element to XYZ 53.3048, 43.2460, 79.6666 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(213, 155, 229) }
```


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

```
.border{ border-color:rgb(213, 155, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 155, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 155, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 155, 229);  
box-shadow:4px 4px 4px 4px rgb(213, 155,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3048, 43.2460, 79.6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 155, 229) }
```

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

```
.background{ background-color: rgb(213,  
155, 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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