

Converting Colors

XYZ(56.3649, 51.5577, 74.5997)

Have a look what the booklet for
XYZ(56.3649, 51.5577, 74.5997)
contains.

XYZ(56.4789, 51.5536, 74.6842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4789, 51.5536,
74.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B3DC
RGB	213, 179, 220
RGB Percent	84%, 70%, 86%
CMY	0.1647, 0.2980, 0.1373
CMYK	0.03, 0.19, 0.00, 0.14
HSL	290°, 37%, 78%
HSV	290°, 19%, 86%
XYZ	56.4789, 51.5536, 74.6842
YIQ	193.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

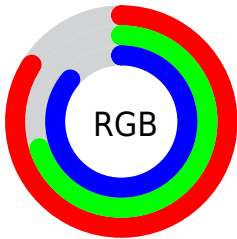
Format	Color
R _Y B	213, 179, 220
Decimal	14005212
CIE Lab	77.01, 19.44, -16.01
CIE LCh	77, 25.186, 320.518
Yxy	51.5536, 0.3091, 0.2822
Android (android.graphics.Color)	4292195292 (0xFFD5B3DC)
YUV	193.8400, 12.8969, 16.8033
Hunter-Lab	71.8008, 14.7575, -11.4104

Details

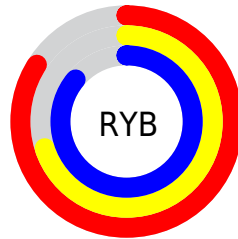
The XYZ color **56.4789, 51.5536, 74.6842** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.9814, 64.8815, 52.3286**, and the grayscale version is **51.1081, 53.7697, 58.5552**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **28.3529, 24.9074, 38.9106** is the 20% darker color. If you saturate the color by 10%, you get **51.3401, 42.8740, 73.2805**, and if you desaturate by 10%, it is **62.3495, 61.6575, 76.3258**.

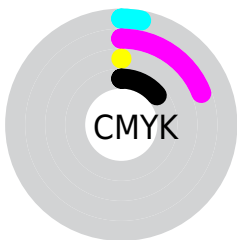
Distribution



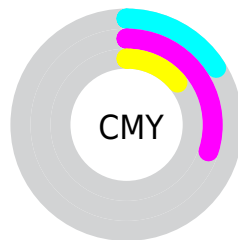
- Red (84%)
- Green (70%)
- Blue (86%)



- Red (84%)
- Yellow (70%)
- Blue (86%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4789, 51.5536, 74.6842 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 56.4789, 51.5536, 74.6842 by changing the saturation by 10% instead.

■ 56.4789, 51.5536,
74.6842

■ 56.4789, 51.5536,
74.6842

401.5396,
392.7108, 496.0579

■ 40.8255, 36.6494,
54.8540

■ 98.8402, 92.4726,
127.6082

■ 28.3698, 24.9361,
38.8871

126.2788,
119.2561, 161.5392

■ 18.7465, 16.0295,
26.3647

158.3766,
150.7682, 201.0074

■ 11.5902, 9.5450,
16.8685

195.4988,
187.3932, 246.4316

■ 6.5355, 5.0983,
9.9798

238.0109,
229.5156, 298.2302

■ 3.2171, 2.3051,
5.2801

286.2781,

■ 1.2696, 0.7764,

277.5198, 356.8217

2.3510

340.6659,
331.7900, 422.6248

■ 0.1603, 0.0000,
0.7596

■ 0.0000, 0.0000,
0.0000

■ 56.4789, 51.5536,
74.6842

■ 56.4789, 51.5536,
74.6842

■ 51.3401, 42.8740,
73.2805

■ 62.3495, 61.6575,
76.3258

■ 46.8950, 35.5454,
72.1002

■ 68.9784, 73.2413,
78.2123

■ 43.1089, 29.4979,
71.1325

■ 76.3966, 86.3657,
80.3546

■ 39.9424, 24.6529,
70.3642

■ 80.6817, 93.1857,
81.4451

37.3515, 20.9226,
69.7807

81.8866, 93.8068,
81.5015

35.2864, 18.2077,
69.3655

83.1175, 94.4414,
81.5591

33.6883, 16.3908,
69.0991

84.3747, 95.0895,
81.6180

32.4680, 15.2939,
68.9517

85.6583, 95.7512,
81.6780

32.3136, 15.1660,
68.9351

86.9683, 96.4265,
81.7394

Harmonies

Analogous

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



52.3088, 51.5536, 84.7245



56.4789, 51.5536, 74.6842



58.6847, 51.5536, 60.6034

Triad

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



56.4789, 51.5536, 74.6842



50.5372, 51.5536, 33.8793



40.8502, 51.5536, 65.9228

Complementary

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



56.4789, 51.5536, 74.6842



53.9814, 64.8815, 52.3286

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.



40.4444, 51.5536, 51.8882



56.4789, 51.5536, 74.6842



45.8341, 51.5536, 34.8283

Square

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



56.4789, 51.5536, 74.6842



55.1095, 51.5536, 38.0947



42.2126, 51.5536, 40.9404



43.3599, 51.5536, 79.1203

Rectangle

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



56.4789, 51.5536, 74.6842



58.6520, 51.5536, 51.4422



42.2126, 51.5536, 40.9404



40.4699, 51.5536, 61.1009

Sweetspot

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



56.4805, 51.5558, 74.6853



89.4073, 90.1316, 107.2926



49.1787, 50.0893, 74.7871



19.0105, 19.0719, 22.9292



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.



56.4805, 51.5558, 74.6853



76.2539, 67.5093, 103.6193



56.9014, 51.9638, 66.0746



13.3849, 13.1565, 16.4861



19.0473, 8.9434, 40.4607



1.2928, 0.6097, 2.6240

Inverse Universe

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



54.5000, 51.0033, 53.4289



73.0845, 66.6385, 68.9941



53.6980, 64.5764, 59.4959



13.1463, 13.0876, 14.0317



17.5515, 9.0216, 2.0183



1.1651, 0.5957, 0.2786

Previews

White Background



This preview shows how the XYZ color 56.4789, 51.5536, 74.6842 looks on a white background.

Color Contrast Check

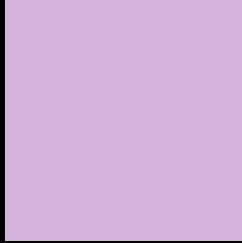
Large Text (above 18pt) WCAG AA × Fail

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 56.4789, 51.5536, 74.6842 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 56.4789, 51.5536, 74.6842

Background



This preview shows how black text looks on a background with the XYZ color 56.4789, 51.5536, 74.6842.



This preview shows how white text looks on a background with the XYZ color 56.4789, 51.5536,

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

56.4789, 51.5536, 74.6842

Protanopia

51.4535, 51.9535, 79.2676

Deuteranopia

52.8508, 51.8344, 74.2373



Tritanopia

53.5899, 51.5998, 59.9586

Trichromacy



Original Color

56.4789, 51.5536, 74.6842

Protanomaly

53.0516, 51.5491, 77.6749

Deuteranomaly

54.0768, 51.5380, 74.1155

Tritanomaly

54.6114, 51.7126, 64.8608

Monochromacy



Original Color

56.4789, 51.5536, 74.6842

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0645, 53.1245, 63.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4789, 51.5536, 74.6842 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, 179, 220)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 220)  
}
```

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, 179, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 220) }
```

Border

The CSS property to change the border of an element to XYZ 56.4789, 51.5536, 74.6842 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, 179, 220) }
```


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

```
.border{ border-color:rgb(213, 179, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 220);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4789, 51.5536, 74.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 220) }
```

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

```
.background{ background-color: rgb(213,  
179, 220) }
```

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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