

Converting Colors

XYZ(50.7193, 44.0196, 64.3919)

Have a look what the booklet for
XYZ(50.7193, 44.0196, 64.3919)
contains.

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Color

**XYZ(50.6393, 43.9985,
64.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A2CE
RGB	210, 162, 206
RGB Percent	82%, 64%, 81%
CMY	0.1765, 0.3647, 0.1922
CMYK	0.00, 0.23, 0.02, 0.18
HSL	305°, 35%, 73%
HSV	305°, 23%, 82%
XYZ	50.6393, 43.9985, 64.2161
YIQ	181.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

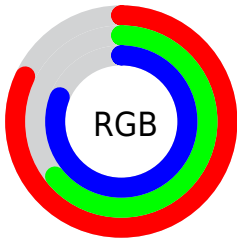
Format	Color
R _Y B	210, 162, 206
Decimal	13804238
CIE Lab	72.23, 25.05, -15.61
CIE LCh	72, 29.513, 328.076
Yxy	43.9985, 0.3188, 0.2770
Android (android.graphics.Color)	4291994318 (0xFFD2A2CE)
YUV	181.3680, 12.1436, 25.1103
Hunter-Lab	66.3314, 20.1922, -10.9673

Details

The XYZ color **50.6393, 43.9985, 64.2161** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.8316, 56.5292, 44.6272**, and the grayscale version is **44.0520, 46.3462, 50.4710**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **24.7610, 20.3874, 32.3359** is the 20% darker color. If you saturate the color by 10%, you get **47.0335, 37.1246, 61.9713**, and if you desaturate by 10%, it is **54.8679, 52.1126, 66.6812**.

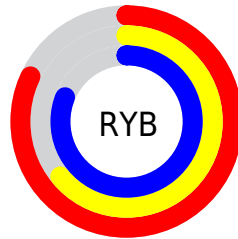
Distribution



Red (82%)

Green (64%)

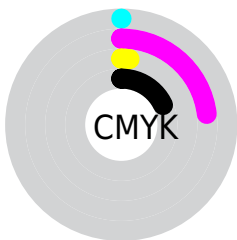
Blue (81%)



Red (82%)

Yellow (64%)

Blue (81%)

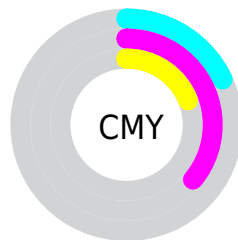


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6393, 43.9985, 64.2161 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 50.6393, 43.9985, 64.2161 by changing the saturation by 10% instead.


 50.6393, 43.9985,
64.2161


 50.6393, 43.9985,
64.2161


379.5715,
362.7022, 458.1985

 36.1415, 30.6693,
46.3784


 90.3075, 81.2155,
112.5246

 24.7141, 20.3472,
32.1937


 116.2087,
105.8721, 143.8324

 15.9918, 12.6477,
21.2435


146.6417,
135.0733, 180.4674

 9.6092, 7.1864,
13.1091

181.9719,
169.2035, 222.8481

 5.2009, 3.5789,
7.3721

222.5646,
208.6471, 271.3930

 2.4016, 1.4409,
3.6139

268.7852,

 0.8459, 0.2466,

253.7885, 326.5207

1.4160

320.9991,
305.0120, 388.6496

■ 0.0000, 0.0000,
0.1542

■ 0.0000, 0.0000,
0.0000

■ 50.6393, 43.9985,
64.2161

■ 50.6393, 43.9985,
64.2161

■ 47.0335, 37.1246,
61.9713

■ 54.8679, 52.1126,
66.6812

■ 44.0158, 31.4238,
59.9337

■ 59.7437, 61.5183,
69.3732

■ 41.5542, 26.8316,
58.0931

■ 65.2949, 72.2708,
72.3021

■ 39.6122, 23.2747,
56.4372

■ 71.5467, 84.4208,
75.4764

38.1487, 20.6711,
54.9524

74.5728, 90.1155,
77.5873

37.1166, 18.9266,
53.6228

74.7987, 90.2058,
78.7766

36.4590, 17.9274,
52.4296

75.0269, 90.2971,
79.9786

36.1485, 17.5297,
51.6372

75.2576, 90.3894,
81.1934

75.4907, 90.4826,
82.4209

Harmonies

Analogous

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



46.5711, 43.9985, 76.9616



50.6393, 43.9985, 64.2161



52.3244, 43.9985, 48.8489

Triad

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



50.6393, 43.9985, 64.2161



42.1469, 43.9985, 25.0930



33.8035, 43.9985, 62.2654

Complementary

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



50.6393, 43.9985, 64.2161



44.8316, 56.5292, 44.6272

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.



32.8236, 43.9985, 46.9770



50.6393, 43.9985, 64.2161



37.4022, 43.9985, 27.2754

Square

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



50.6393, 43.9985, 64.2161



47.1819, 43.9985, 27.9234



34.0879, 43.9985, 34.6231



36.8792, 43.9985, 75.6849

Rectangle

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



50.6393, 43.9985, 64.2161



51.7747, 43.9985, 39.7652



34.0879, 43.9985, 34.6231



33.2295, 43.9985, 57.0903

Sweetspot

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



50.6406, 44.0004, 64.2170



89.3790, 89.0398, 105.8325



40.2810, 38.6030, 66.3019



19.0313, 18.8663, 22.5977



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.



50.6406, 44.0004, 64.2170



75.9702, 63.2969, 98.0498



47.9438, 42.9217, 50.0156



12.2665, 11.9913, 14.6793



22.0678, 10.7000, 31.5930



1.2467, 0.6034, 1.8341

Inverse Universe

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



50.6406, 44.0004, 64.2170



75.9702, 63.2969, 98.0498



47.2428, 57.4937, 57.3243



12.2665, 11.9913, 14.6793



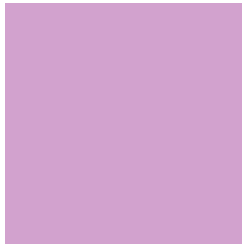
22.0678, 10.7000, 31.5930



1.2467, 0.6034, 1.8341

Previews

White Background



This preview shows how the XYZ color 50.6393, 43.9985, 64.2161 looks on a white background.

Color Contrast Check

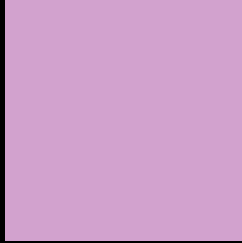
Large Text (above 18pt) WCAG AA × Fail

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 50.6393, 43.9985, 64.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

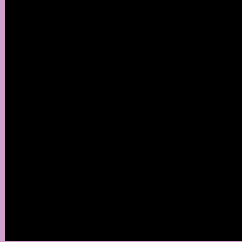
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6393, 43.9985, 64.2161

Background



This preview shows how black text looks on a background with the XYZ color 50.6393, 43.9985, 64.2161.



This preview shows how white text looks on a background with the XYZ color 50.6393, 43.9985,

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

50.6393, 43.9985, 64.2161

Protanopia

44.1533, 44.3920, 70.5314

Deuteranopia

45.1341, 44.1919, 63.2778



Tritanopia

47.5105, 44.0545, 49.1793

Trichromacy



Original Color

50.6393, 43.9985, 64.2161

Protanomaly

46.2137, 44.0696, 68.3579

Deuteranomaly

46.9456, 43.9902, 63.7743

Tritanomaly

48.3726, 43.8498, 54.0585

Monochromacy



Original Color

50.6393, 43.9985, 64.2161

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.1685, 45.1963, 55.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6393, 43.9985, 64.2161 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(210, 162, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 162, 206)  
}
```

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(210, 162, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 162, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.6393, 43.9985, 64.2161 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(210, 162, 206) }
```


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

```
.border{ border-color:rgb(210, 162, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 162, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 162, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 162, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 162,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6393, 43.9985, 64.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 162, 206) }
```

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

```
.background{ background-color: rgb(210,  
162, 206) }
```

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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