

Converting Colors

XYZ(56.7593, 49.5603, 94.8549)

Have a look what the booklet for
XYZ(56.7593, 49.5603, 94.8549)
contains.

XYZ(56.6339, 49.4399, 94.5536)	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(56.6339, 49.4399,
94.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	CCADF7
RGB	204, 173, 247
RGB Percent	80%, 68%, 97%
CMY	0.2000, 0.3216, 0.0314
CMYK	0.17, 0.30, 0.00, 0.03
HSL	265°, 82%, 82%
HSV	265°, 30%, 97%
XYZ	56.6339, 49.4399, 94.5536
YIQ	190.7050, -5.2780, 29.5860

Conversions

Conversions Part 2

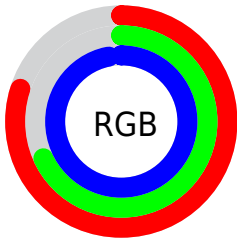
Format	Color
RYB	204, 173, 247
Decimal	13413879
CIELab	75.72, 25.38, -32.67
CIElCh	76, 41.366, 307.845
Yxy	49.4399, 0.2823, 0.2464
Android (<code>android.graphics.Color</code>)	4291603959 (<code>0xFFCCADF7</code>)
YUV	190.7050, 27.7534, 11.6597
Hunter-Lab	70.3135, 20.7239, -30.5104

Details

The XYZ color **56.6339, 49.4399, 94.5536** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.1240, 84.1388, 52.1345**, and the grayscale version is **49.1985, 51.7607, 56.3674**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **28.4052, 23.5402, 51.7618** is the 20% darker color. If you saturate the color by 10%, you get **48.5741, 38.8929, 92.9434**, and if you desaturate by 10%, it is **65.9350, 61.9288, 96.4748**.

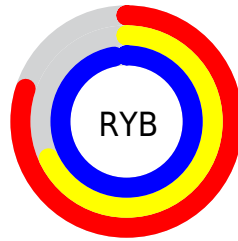
Distribution



Red (80%)

Green (68%)

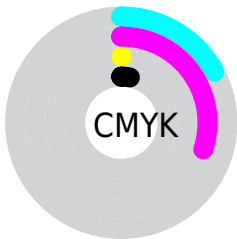
Blue (97%)



Red (80%)

Yellow (68%)

Blue (97%)

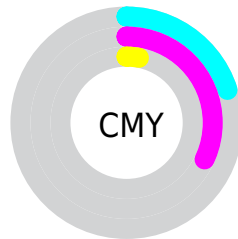


Cyan (17%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (20%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6339, 49.4399, 94.5536 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 56.6339, 49.4399, 94.5536 by changing the saturation by 10% instead.

■ 56.6339, 49.4399,
94.5536

■ 56.6339, 49.4399,
94.5536

402.1125,
384.4715, 563.6827

■ 40.9504, 34.9686,
71.1687

■ 99.0652, 89.3445,
155.6380

■ 28.4678, 23.6387,
51.9972

126.5438,
115.5465, 194.1746

■ 18.8209, 15.0658,
36.6206

158.6847,
146.4275, 238.5987

■ 11.6441, 8.8656,
24.6204

195.8534,
182.3719, 289.3290

■ 6.5723, 4.6536,
15.5780

238.4151,
223.7641, 346.7841

■ 3.2400, 2.0455,
9.0749

286.7353,

■ 1.2819, 0.6337,

270.9885, 411.3823

4.6926

341.1793,
324.4296, 483.5423

■ 0.1696, 0.0000,
2.0125

■ 0.0000, 0.0000,
0.5629

■ 56.6339, 49.4399,
94.5536

■ 56.6339, 49.4399,
94.5536

■ 48.5741, 38.8929,
92.9434

■ 65.9350, 61.9288,
96.4748

■ 41.6926, 30.1800,
91.6244

■ 76.5266, 76.4477,
98.7190

■ 35.9280, 23.1922,
90.5794

■ 88.4607, 93.0862,
101.3015

■ 31.2105, 17.8056,
89.7883

■ 93.7887, 99.4955,
102.2578

■ 27.4611, 13.8792,
89.2281

■ 24.5877, 11.2459,
88.8712

■ 22.4445, 9.6329,
88.6728

■ 22.4365, 9.6270,
88.6721

Harmonies

Analogous

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



49.0333, 49.4399, 107.4585



56.6339, 49.4399, 94.5536



62.0184, 49.4399, 71.3846

Triad

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



56.6339, 49.4399, 94.5536



52.7758, 49.4399, 23.4208



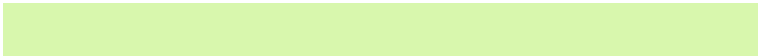
33.8416, 49.4399, 59.8059

Complementary

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



56.6339, 49.4399, 94.5536



69.1240, 84.1388, 52.1345

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.



34.6114, 49.4399, 39.4214



56.6339, 49.4399, 94.5536



45.0065, 49.4399, 21.8916

Square

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



56.6339, 49.4399, 94.5536



59.6274, 49.4399, 31.8515



38.5102, 49.4399, 26.8899



36.2795, 49.4399, 84.1302

Rectangle

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



56.6339, 49.4399, 94.5536



63.3252, 49.4399, 55.4356



38.5102, 49.4399, 26.8899



33.7392, 49.4399, 52.2589

Sweetspot

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



56.6355, 49.4419, 94.5547



83.4234, 83.7792, 106.3819



58.6223, 64.7985, 97.4141



17.4776, 17.4087, 22.6890



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.



56.6355, 49.4419, 94.5547



55.4470, 45.9941, 100.5631



67.9522, 55.2759, 95.0843



16.2390, 16.2659, 20.8263



12.0192, 5.1704, 46.9025



1.1707, 0.5134, 4.1276

Inverse Universe

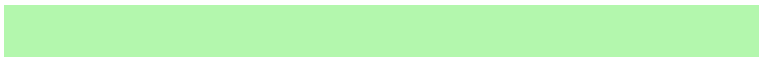
The Inverse Universe completely reimagines the original color for something new.



65.6975, 54.6211, 72.0479



66.8378, 52.5115, 71.9479



59.4342, 79.1435, 51.6810



16.9029, 16.6440, 19.2355



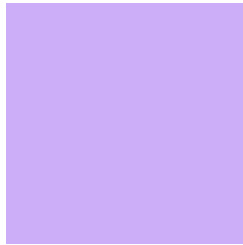
23.0020, 11.5442, 15.2505



2.0729, 1.0351, 1.6100

Previews

White Background



This preview shows how the XYZ color 56.6339, 49.4399, 94.5536 looks on a white background.

Color Contrast Check

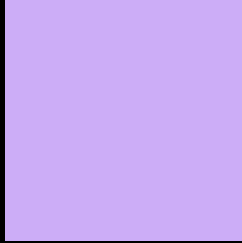
Large Text (above 18pt) WCAG AA × Fail

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 56.6339, 49.4399, 94.5536 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 56.6339, 49.4399, 94.5536

Background



This preview shows how black text looks on a background with the XYZ color 56.6339, 49.4399, 94.5536.



This preview shows how white text looks on a background with the XYZ color 56.6339, 49.4399,

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

56.6339, 49.4399, 94.5536

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.8555, 49.7578, 93.3100



Tritanopia

49.7765, 49.6340, 59.7801

Trichromacy



Original Color

56.6339, 49.4399, 94.5536

Protanomaly

52.7143, 49.3741, 98.8473

Deuteranomaly

52.7230, 49.4867, 93.9619

Tritanomaly

51.9390, 49.2886, 71.0661

Monochromacy



Original Color

56.6339, 49.4399, 94.5536

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.6633, 50.7199, 68.6950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6339, 49.4399, 94.5536 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(204, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(204, 173, 247)  
}
```

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(204, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 173, 247) }
```

Border

The CSS property to change the border of an element to XYZ 56.6339, 49.4399, 94.5536 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(204, 173, 247) }
```


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

```
.border{ border-color:rgb(204, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(204, 173,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6339, 49.4399, 94.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 173, 247) }
```

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

```
.background{ background-color: rgb(204,  
173, 247) }
```

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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