

Converting Colors

XYZ(48.4664, 39.6528, 63.4918)

Have a look what the booklet for
XYZ(48.4664, 39.6528, 63.4918)
contains.

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Color

**XYZ(48.4664, 39.6528,
63.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	D295CE
RGB	210, 149, 206
RGB Percent	82%, 58%, 81%
CMY	0.1765, 0.4157, 0.1922
CMYK	0.00, 0.29, 0.02, 0.18
HSL	304°, 40%, 70%
HSV	304°, 29%, 82%
XYZ	48.4664, 39.6528, 63.4918
YIQ	173.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

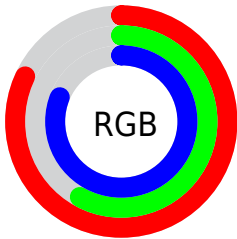
Format	Color
R _Y B	210, 149, 206
Decimal	13800910
CIE Lab	69.22, 32.12, -20.16
CIE LCh	69, 37.923, 327.894
Yxy	39.6528, 0.3197, 0.2615
Android (android.graphics.Color)	4291990990 (0xFFD295CE)
YUV	173.7370, 15.9057, 31.8027
Hunter-Lab	62.9705, 27.1875, -15.7015

Details

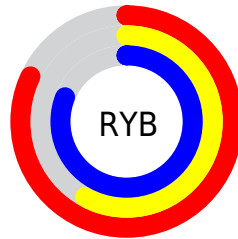
The XYZ color **48.4664, 39.6528, 63.4918** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.1925, 54.7840, 38.5426**, and the grayscale version is **40.0129, 42.0966, 45.8432**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **23.4598, 17.7849, 31.9021** is the 20% darker color. If you saturate the color by 10%, you get **45.2726, 33.5310, 61.6057**, and if you desaturate by 10%, it is **52.2632, 46.9767, 65.5870**.

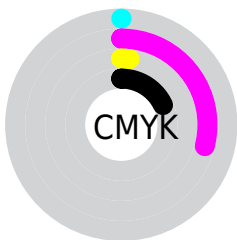
Distribution



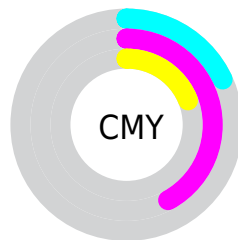
- Red (82%)
- Green (58%)
- Blue (81%)



- Red (82%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4664, 39.6528, 63.4918 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 48.4664, 39.6528, 63.4918 by changing the saturation by 10% instead.


 48.4664, 39.6528,
63.4918

 48.4664, 39.6528,
63.4918


371.1898,
344.6580, 455.5091

 34.4092, 27.2679,
45.7956


 87.1039, 74.6345,
111.4711

 23.3725, 17.7746,
31.7371


 112.4149, 98.0002,
142.5914

 14.9910, 10.7883,
20.8976


142.2079,
125.7949, 179.0234

 8.8993, 5.9246,
12.8587

176.8482,
158.4030, 221.1858

 4.7322, 2.7993,
7.2017

216.7012,
196.2090, 269.4970

 2.1241, 1.0279,
3.5082

262.1322,

 0.7023, 0.0000,

239.5972, 324.3756

1.3596

313.5066,
288.9521, 386.2401

■ 0.0000, 0.0000,
0.1099

■ 0.0000, 0.0000,
0.0000

■ 48.4664, 39.6528,
63.4918

■ 48.4664, 39.6528,
63.4918

■ 45.2726, 33.5310,
61.6057

■ 52.2632, 46.9767,
65.5870

■ 42.6458, 28.5417,
59.9153

■ 56.6890, 55.5570,
67.8988

■ 40.5520, 24.6162,
58.4099

■ 61.7730, 65.4512,
70.4371

■ 38.9522, 21.6761,
57.0762

■ 67.5411, 76.7115,
73.2109

37.8017, 19.6323,
55.8995

74.0183, 89.3874,
76.2282

37.0479, 18.3799,
54.8622

74.5102, 90.0904,
77.2578

36.6053, 17.7473,
53.9357

74.6872, 90.1612,
78.1898

36.5685, 17.6978,
53.8495

74.8656, 90.2326,
79.1297

75.0456, 90.3046,
80.0774

Harmonies

Analogous

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



43.4178, 39.6528, 79.9737



48.4664, 39.6528, 63.4918



50.5987, 39.6528, 44.4154

Triad

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



48.4664, 39.6528, 63.4918



38.1194, 39.6528, 17.6433



28.2848, 39.6528, 60.7795

Complementary

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



48.4664, 39.6528, 63.4918



41.1925, 54.7840, 38.5426

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.



27.1859, 39.6528, 41.9582



48.4664, 39.6528, 63.4918



32.4873, 39.6528, 19.8563

Square

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



48.4664, 39.6528, 63.4918



44.2395, 39.6528, 20.5973



28.6406, 39.6528, 27.7332



31.8190, 39.6528, 78.1350

Rectangle

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



48.4664, 39.6528, 63.4918



49.9241, 39.6528, 33.6966



28.6406, 39.6528, 27.7332



27.6361, 39.6528, 54.2829

Sweetspot

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



48.4676, 39.6545, 63.4926



87.9193, 86.1248, 105.3322



35.3404, 32.8303, 65.4479



18.5888, 17.9884, 22.4279



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.



48.4676, 39.6545, 63.4926



71.9526, 55.2903, 96.6221



45.2084, 38.3508, 46.3296



12.2759, 11.9951, 14.7289



22.3206, 10.8011, 32.9240



1.2584, 0.6081, 1.8953

Inverse Universe

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



48.4676, 39.6545, 63.4926



71.9526, 55.2903, 96.6221



43.9430, 55.8842, 53.0269



12.2759, 11.9951, 14.7289



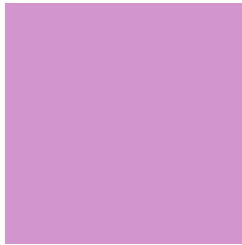
22.3206, 10.8011, 32.9240



1.2584, 0.6081, 1.8953

Previews

White Background



This preview shows how the XYZ color 48.4664, 39.6528, 63.4918 looks on a white background.

Color Contrast Check

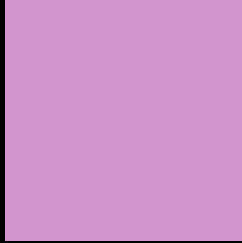
Large Text (above 18pt) WCAG AA × Fail

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 48.4664, 39.6528, 63.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

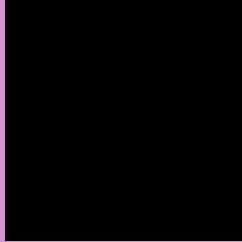
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4664, 39.6528, 63.4918

Background



This preview shows how black text looks on a background with the XYZ color 48.4664, 39.6528, 63.4918.



This preview shows how white text looks on a background with the XYZ color 48.4664, 39.6528,

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

48.4664, 39.6528, 63.4918

Protanopia

40.3152, 39.8198, 72.5790

Deuteranopia

40.5968, 39.6571, 62.0148



Tritanopia

44.1332, 39.5832, 42.3600

Trichromacy



Original Color

48.4664, 39.6528, 63.4918

Protanomaly

42.6129, 39.2268, 68.9439

Deuteranomaly

43.0644, 39.3463, 62.4516

Tritanomaly

45.5669, 39.4253, 49.4642

Monochromacy



Original Color

48.4664, 39.6528, 63.4918

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.8116, 41.0202, 52.1157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4664, 39.6528, 63.4918 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, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 149, 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, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 149, 206) }
```

Border

The CSS property to change the border of an element to XYZ 48.4664, 39.6528, 63.4918 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, 149, 206) }
```


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

```
.border{ border-color:rgb(210, 149, 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, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 149,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4664, 39.6528, 63.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 149, 206) }
```

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

```
.background{ background-color: rgb(210,  
149, 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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