

Converting Colors

XYZ(46.8639, 41.3456, 49.1081)

Have a look what the booklet for
XYZ(46.8639, 41.3456, 49.1081)
contains.

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Color

**XYZ(46.8618, 41.3452,
49.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	D19EB5
RGB	209, 158, 181
RGB Percent	82%, 62%, 71%
CMY	0.1804, 0.3804, 0.2902
CMYK	0.00, 0.24, 0.13, 0.18
HSL	333°, 36%, 72%
HSV	333°, 24%, 82%
XYZ	46.8618, 41.3452, 49.2266
YIQ	175.8710, 23.0130, 17.9650

Conversions

Conversions Part 2

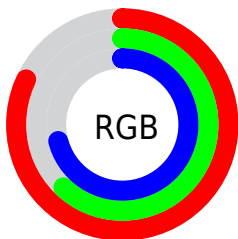
Format	Color
R _Y B	209, 158, 181
Decimal	13737653
CIE Lab	70.42, 22.51, -4.51
CIE LCh	70, 22.959, 348.683
Yxy	41.3452, 0.3410, 0.3008
Android (android.graphics.Color)	4291927733 (0xFFD19EB5)
YUV	175.8710, 2.5286, 29.0541
Hunter-Lab	64.3002, 17.5648, -0.3807

Details

The XYZ color **46.8618, 41.3452, 49.2266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7656, 56.4162, 54.9343**, and the grayscale version is **41.1795, 43.3240, 47.1798**.

A 20% lighter version of the original color is **80.3203, 74.9629, 90.3567**, and **22.3767, 18.7366, 22.8592** is the 20% darker color. If you saturate the color by 10%, you get **42.4662, 34.3609, 42.1895**, and if you desaturate by 10%, it is **51.9631, 49.5845, 56.9784**.

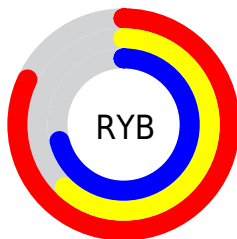
Distribution



Red (82%)

Green (62%)

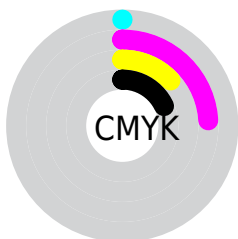
Blue (71%)



Red (82%)

Yellow (62%)

Blue (71%)

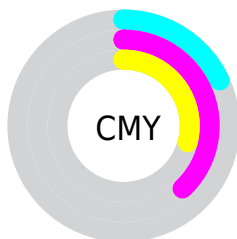


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8618, 41.3452, 49.2266 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 46.8618, 41.3452, 49.2266 by changing the saturation by 10% instead.


 46.8618, 41.3452,
49.2266


 46.8618, 41.3452,
49.2266


364.9208,
351.7613, 400.2818

 33.1339, 28.5889,
34.4324


 84.7273, 77.2076,
90.4124

 22.3888, 18.7701,
22.9459


 109.5956,
101.0826, 117.6410

 14.2610, 11.5042,
14.3487


138.9081,
129.4325, 149.8516

 8.3854, 6.4071,
8.2221

173.0301,
162.6419, 187.4626

 4.3964, 3.0942,
4.1476

212.3271,
201.0951, 230.8926

 1.9287, 1.1811,
1.7066

257.1642,

 0.5935, 0.0462,

245.1764, 280.5601

0.3653

307.9070,
295.2704, 336.8836

■ 0.0000, 0.0000,
0.0000

■ 46.8618, 41.3452,
49.2266

■ 46.8618, 41.3452,
49.2266

■ 42.4662, 34.3609,
42.1895

■ 51.9631, 49.5845,
56.9784

■ 38.7396, 28.5638,
35.8420

■ 57.7971, 59.1311,
65.4636

■ 35.6476, 23.8881,
30.1613

■ 64.3941, 70.0411,
74.7035

■ 33.1508, 20.2593,
25.1216

■ 71.7811, 82.3656,
84.7174

■ 31.2053, 17.5936,
20.6956

■ 77.5429, 91.2707,
94.7103

■ 29.7606, 15.7945,
16.8528

■ 79.2870, 91.9683,
103.8946

■ 28.7556, 14.7444,
13.5586

■ 80.1047, 92.2954,
108.2006

■ 28.3262, 14.3680,
11.9282

Harmonies

Analogous

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



45.0115, 41.3452, 60.2028



46.8618, 41.3452, 49.2266



46.5907, 41.3452, 38.6754

Triad

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



46.8618, 41.3452, 49.2266



37.0154, 41.3452, 28.0416



34.6924, 41.3452, 62.5265

Complementary

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



46.8618, 41.3452, 49.2266



45.7656, 56.4162, 54.9343

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.



32.8079, 41.3452, 52.0184



46.8618, 41.3452, 49.2266



34.0886, 41.3452, 32.6286

Square

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



46.8618, 41.3452, 49.2266



40.7407, 41.3452, 27.5400



32.5942, 41.3452, 41.0562



37.8885, 41.3452, 68.6622

Rectangle

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



46.8618, 41.3452, 49.2266



45.2470, 41.3452, 33.2237



32.5942, 41.3452, 41.0562



33.8936, 41.3452, 59.3174

Sweetspot

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



46.8630, 41.3471, 49.2275



88.0795, 88.5200, 98.9896



43.7929, 39.3984, 65.6185



18.7300, 18.7458, 21.0109



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.



46.8630, 41.3471, 49.2275



69.9624, 59.2034, 71.6245



44.9864, 41.0636, 37.9050



12.0272, 11.8956, 13.4189



17.5132, 8.8781, 7.6087



1.0190, 0.5123, 0.6347

Inverse Universe

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



46.8630, 41.3471, 49.2275



69.9624, 59.2034, 71.6245



47.9960, 56.6446, 68.7259



12.0272, 11.8956, 13.4189



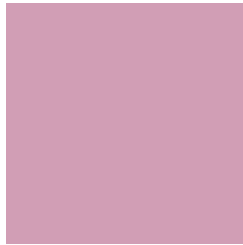
17.5132, 8.8781, 7.6087



1.0190, 0.5123, 0.6347

Previews

White Background



This preview shows how the XYZ color 46.8618, 41.3452, 49.2266 looks on a white background.

Color Contrast Check

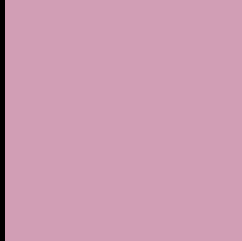
Large Text (above 18pt) WCAG AA × Fail

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 46.8618, 41.3452, 49.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

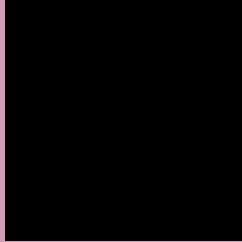
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8618, 41.3452, 49.2266

Background



This preview shows how black text looks on a background with the XYZ color 46.8618, 41.3452, 49.2266.



This preview shows how white text looks on a background with the XYZ color 46.8618, 41.3452,

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

46.8618, 41.3452, 49.2266

Protanopia

40.5428, 41.4579, 54.0094

Deuteranopia

42.2051, 41.3312, 48.4011



Tritanopia

46.0296, 41.5301, 44.6198

Trichromacy



Original Color

46.8618, 41.3452, 49.2266

Protanomaly

42.5067, 41.1319, 52.1533

Deuteranomaly

43.7618, 41.3155, 48.8482

Tritanomaly

46.1484, 41.3013, 46.0971

Monochromacy



Original Color

46.8618, 41.3452, 49.2266

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.9629, 42.2817, 48.0163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8618, 41.3452, 49.2266 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(209, 158, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 181)  
}
```

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(209, 158, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 181) }
```

Border

The CSS property to change the border of an element to XYZ 46.8618, 41.3452, 49.2266 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(209, 158, 181) }
```


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

```
.border{ border-color:rgb(209, 158, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8618, 41.3452, 49.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 181) }
```

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

```
.background{ background-color: rgb(209,  
158, 181) }
```

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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