

Converting Colors

XYZ(46.6188, 40.8109, 48.0397)

Have a look what the booklet for
XYZ(46.6188, 40.8109, 48.0397)
contains.

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Color

**XYZ(46.6035, 40.7332,
48.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	D29CB3
RGB	210, 156, 179
RGB Percent	82%, 61%, 70%
CMY	0.1765, 0.3882, 0.2980
CMYK	0.00, 0.26, 0.15, 0.18
HSL	334°, 37%, 72%
HSV	334°, 26%, 82%
XYZ	46.6035, 40.7332, 48.0539
YIQ	174.7680, 24.8010, 18.6010

Conversions

Conversions Part 2

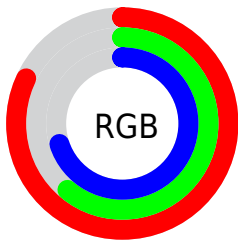
Format	Color
R _{YB}	210, 156, 179
Decimal	13802675
CIE Lab	69.99, 23.63, -4.02
CIE LCh	70, 23.971, 350.356
Yxy	40.7332, 0.3442, 0.3009
Android (android.graphics.Color)	4291992755 (0xFFD29CB3)
YUV	174.7680, 2.0864, 30.8985
Hunter-Lab	63.8226, 18.6519, 0.0346

Details

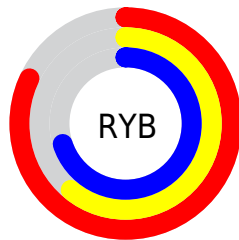
The XYZ color **46.6035, 40.7332, 48.0539** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7282, 56.7501, 55.5600**, and the grayscale version is **40.6092, 42.7240, 46.5264**.

A 20% lighter version of the original color is **79.5297, 73.8467, 88.6594**, and **22.2338, 18.3755, 22.1137** is the 20% darker color. If you saturate the color by 10%, you get **42.2132, 33.8190, 40.8353**, and if you desaturate by 10%, it is **51.7120, 48.9121, 56.0389**.

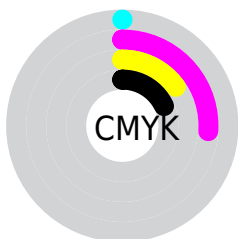
Distribution



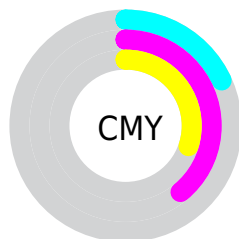
- Red (82%)
- Green (61%)
- Blue (70%)



- Red (82%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6035, 40.7332, 48.0539 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 46.6035, 40.7332, 48.0539 by changing the saturation by 10% instead.


 46.6035, 40.7332,
48.0539


 46.6035, 40.7332,
48.0539


363.9050,
349.2043, 395.5206

 32.9289, 28.1107,
33.5093


 84.3438, 76.2787,
88.6510

 22.2310, 18.4091,
22.2426


 109.1403, 99.9705,
115.5406

 14.1443, 11.2441,
13.8352


138.3748,
128.1208, 147.3823

 8.3035, 6.2313,
7.8687

172.4127,
161.1141, 184.5946

 4.3432, 2.9862,
3.9245

211.6193,
199.3346, 227.5960

 1.8980, 1.1245,
1.5840

256.3600,

 0.5757, 0.0000,

243.1669, 276.8051

0.2794

307.0001,
292.9954, 332.6405

■ 0.0000, 0.0000,
0.0000

■ 46.6035, 40.7332,
48.0539

■ 46.6035, 40.7332,
48.0539

■ 42.2132, 33.8190,
40.8353

■ 51.7120, 48.9121,
56.0389

■ 38.5034, 28.1003,
34.3557

■ 57.5669, 58.4095,
64.8112

■ 35.4385, 23.5094,
28.5898

■ 64.1991, 69.2825,
74.3940

■ 32.9778, 19.9697,
23.5095

■ 71.6367, 81.5836,
84.8088

■ 31.0755, 17.3950,
19.0842

■ 77.9604, 91.4705,
95.4274

■ 29.6791, 15.6850,
15.2803

■ 79.8047, 92.2082,
105.1394

■ 28.7240, 14.7163,
12.0595

■ 80.3886, 92.4418,
108.2139

■ 28.4002, 14.4304,
10.8362

Harmonies

Analogous

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



44.7928, 40.7332, 59.5417



46.6035, 40.7332, 48.0539



46.1940, 40.7332, 37.2811

Triad

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



46.6035, 40.7332, 48.0539



36.1610, 40.7332, 27.0850



34.1181, 40.7332, 63.0653

Complementary

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



46.6035, 40.7332, 48.0539



45.7282, 56.7501, 55.5600

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.



32.0915, 40.7332, 52.2638



46.6035, 40.7332, 48.0539



33.2147, 40.7332, 31.9932

Square

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



46.6035, 40.7332, 48.0539



39.9877, 40.7332, 26.3436



31.7722, 40.7332, 40.8444



37.4709, 40.7332, 69.1210

Rectangle

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



46.6035, 40.7332, 48.0539



44.7266, 40.7332, 31.8286



31.7722, 40.7332, 40.8444



33.2690, 40.7332, 59.7915

Sweetspot

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



46.6047, 40.7351, 48.0547



87.0552, 86.9364, 97.2144



43.9187, 38.9465, 66.1760



18.3304, 18.1155, 20.3572



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.



46.6047, 40.7351, 48.0547



68.3407, 56.9251, 68.1083



45.0821, 41.1070, 37.0130



12.0147, 11.8906, 13.3532



17.3716, 8.8215, 6.8629



1.0106, 0.5090, 0.5909

Inverse Universe

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



46.6047, 40.7351, 48.0547



68.3407, 56.9251, 68.1083



47.5122, 56.0576, 69.2894



12.0147, 11.8906, 13.3532



17.3716, 8.8215, 6.8629



1.0106, 0.5090, 0.5909

Previews

White Background



This preview shows how the XYZ color 46.6035, 40.7332, 48.0539 looks on a white background.

Color Contrast Check

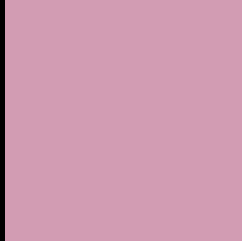
Large Text (above 18pt) WCAG AA × Fail

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 46.6035, 40.7332, 48.0539 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 46.6035, 40.7332, 48.0539

Background



This preview shows how black text looks on a background with the XYZ color 46.6035, 40.7332, 48.0539.



This preview shows how white text looks on a background with the XYZ color 46.6035, 40.7332,

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

46.6035, 40.7332, 48.0539

Protanopia

40.0294, 40.9263, 53.3668

Deuteranopia

41.5796, 40.7610, 47.2712



Tritanopia

45.7771, 40.9113, 43.5142

Trichromacy



Original Color

46.6035, 40.7332, 48.0539

Protanomaly

42.2197, 40.7273, 51.5349

Deuteranomaly

43.2043, 40.5243, 47.6643

Tritanomaly

45.8943, 40.6864, 44.9695

Monochromacy



Original Color

46.6035, 40.7332, 48.0539

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.5781, 41.8312, 46.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6035, 40.7332, 48.0539 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, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(210, 156, 179)  
}
```

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, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 156, 179) }
```

Border

The CSS property to change the border of an element to XYZ 46.6035, 40.7332, 48.0539 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, 156, 179) }
```


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

```
.border{ border-color:rgb(210, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(210, 156,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6035, 40.7332, 48.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 156, 179) }
```

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

```
.background{ background-color: rgb(210,  
156, 179) }
```

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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