

Converting Colors

XYZ(48.5709, 41.1867, 46.1894)

Have a look what the booklet for
XYZ(48.5709, 41.1867, 46.1894)
contains.

XYZ(48.5069, 41.2664, 45.9661)	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(48.5069, 41.2664,
45.9661)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9AAF
RGB	219, 154, 175
RGB Percent	86%, 60%, 69%
CMY	0.1412, 0.3961, 0.3137
CMYK	0.00, 0.30, 0.20, 0.14
HSL	341°, 47%, 73%
HSV	341°, 30%, 86%
XYZ	48.5069, 41.2664, 45.9661
YIQ	175.8290, 31.9990, 20.3110

Conversions

Conversions Part 2

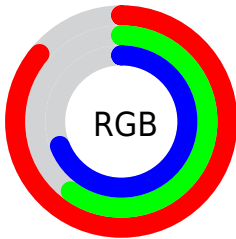
Format	Color
R _{YB}	219, 154, 175
Decimal	14391983
CIE Lab	70.36, 27.32, -1.13
CIE LCh	70, 27.342, 357.624
Yxy	41.2664, 0.3574, 0.3040
Android (android.graphics.Color)	4292582063 (0xFFDB9AAF)
YUV	175.8290, -0.4087, 37.8610
Hunter-Lab	64.2389, 22.3675, 2.5424

Details

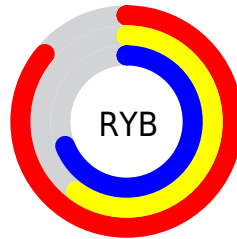
The XYZ color **48.5069, 41.2664, 45.9661** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8527, 61.6114, 62.7464**, and the grayscale version is **41.1691, 43.3131, 47.1680**.

A 20% lighter version of the original color is **78.3234, 72.5741, 84.7430**, and **23.4308, 18.7193, 21.1171** is the 20% darker color. If you saturate the color by 10%, you get **43.8397, 34.1355, 37.6165**, and if you desaturate by 10%, it is **53.9957, 49.7839, 55.3793**.

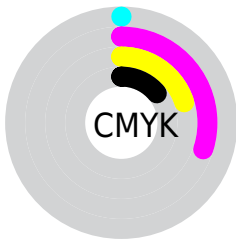
Distribution



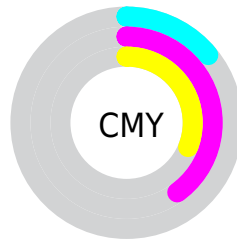
- Red (86%)
- Green (60%)
- Blue (69%)



- Red (86%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5069, 41.2664, 45.9661 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 48.5069, 41.2664, 45.9661 by changing the saturation by 10% instead.


 48.5069, 41.2664,
45.9661


 48.5069, 41.2664,
45.9661

371.3471,
351.4328, 386.9460

 34.4414, 28.5273,
31.8706


 87.1638, 77.0881,
85.5020

 23.3974, 18.7235,
20.9987


 112.4859,
100.9396, 111.7795

 15.0095, 11.4707,
12.9318

142.2909,
129.2639, 142.9547

 8.9124, 6.3844,
7.2514

176.9442,
162.4455, 179.4462

 4.7408, 3.0802,
3.5390

216.8111,
200.8688, 221.6726

 2.1292, 1.1737,
1.3760

262.2570,

 0.7050, 0.0401,

244.9182, 270.0523

0.1229

313.6472,
294.9781, 325.0039

■ 0.0000, 0.0000,
0.0000

■ 48.5069, 41.2664,
45.9661

■ 48.5069, 41.2664,
45.9661

■ 43.8397, 34.1355,
37.6165

■ 53.9957, 49.7839,
55.3793

■ 39.9496, 28.3115,
30.2889

■ 60.3408, 59.7504,
65.8905

■ 36.7930, 23.7156,
23.9425

■ 67.5788, 71.2318,
77.5354

■ 34.3205, 20.2581,
18.5326

■ 75.7434, 84.2878,
90.3477

■ 32.4760, 17.8365,
14.0105

■ 82.0926, 93.4278,
103.4346

■ 31.1939, 16.3300,
10.3221

■ 83.0236, 93.8002,
108.3372

■ 30.3657, 15.5333,
7.3965

■ 30.3428, 15.5118,
7.3133

Harmonies

Analogous

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



46.9838, 41.2664, 59.5320



48.5069, 41.2664, 45.9661



47.3891, 41.2664, 34.4049

Triad

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



48.5069, 41.2664, 45.9661



35.3501, 41.2664, 26.3761



34.7742, 41.2664, 69.2458

Complementary

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



48.5069, 41.2664, 45.9661



48.8527, 61.6114, 62.7464

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.



32.0525, 41.2664, 57.4136



48.5069, 41.2664, 45.9661



32.3667, 41.2664, 32.9386

Square

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



48.5069, 41.2664, 45.9661



39.5819, 41.2664, 24.4612



31.2055, 41.2664, 43.9137



38.8653, 41.2664, 74.4774

Rectangle

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



48.5069, 41.2664, 45.9661



45.3407, 41.2664, 29.0152



31.2055, 41.2664, 43.9137



33.6810, 41.2664, 65.8098

Sweetspot

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



48.5081, 41.2683, 45.9669



85.7593, 85.2608, 93.9579



47.4567, 40.1431, 72.2654



18.0557, 17.7752, 19.6206



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.



48.5081, 41.2683, 45.9669



63.9822, 51.3692, 56.9101



48.4727, 44.2453, 36.5596



13.2285, 13.1205, 14.4648



18.0363, 9.2156, 4.5714



1.2072, 0.6125, 0.5001

Inverse Universe

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



48.5081, 41.2683, 45.9669



63.9822, 51.3692, 56.9101



48.7106, 57.1788, 75.4876



13.2285, 13.1205, 14.4648



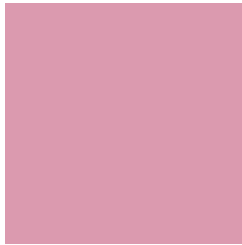
18.0363, 9.2156, 4.5714



1.2072, 0.6125, 0.5001

Previews

White Background



This preview shows how the XYZ color 48.5069, 41.2664, 45.9661 looks on a white background.

Color Contrast Check

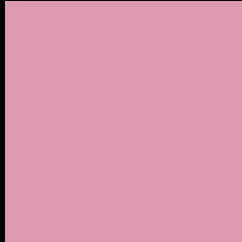
Large Text (above 18pt) WCAG AA × Fail

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 48.5069, 41.2664, 45.9661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

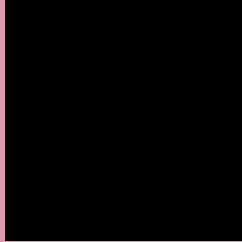
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5069, 41.2664, 45.9661

Background



This preview shows how black text looks on a background with the XYZ color 48.5069, 41.2664, 45.9661.



This preview shows how white text looks on a background with the XYZ color 48.5069, 41.2664,

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

48.5069, 41.2664, 45.9661

Protanopia

40.3331, 41.3993, 51.7640

Deuteranopia

42.3478, 41.4734, 45.3084



Tritanopia

47.6098, 41.1381, 41.9904

Trichromacy



Original Color

48.5069, 41.2664, 45.9661

Protanomaly

42.7819, 41.0653, 49.3876

Deuteranomaly

44.3797, 41.1760, 45.6531

Tritanomaly

47.8905, 41.2504, 43.4682

Monochromacy



Original Color

48.5069, 41.2664, 45.9661

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.5773, 42.3463, 46.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5069, 41.2664, 45.9661 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(219, 154, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 175)  
}
```

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(219, 154, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.5069, 41.2664, 45.9661 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(219, 154, 175) }
```


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

```
.border{ border-color:rgb(219, 154, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5069, 41.2664, 45.9661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 175) }
```

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

```
.background{ background-color: rgb(219,  
154, 175) }
```

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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