

Converting Colors

XYZ(46.7702, 41.4382, 47.3643)

Have a look what the booklet for
XYZ(46.7702, 41.4382, 47.3643)
contains.

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Color

**XYZ(46.7410, 41.3297,
47.1089)**

Conversions

Conversions Part 1

Format	Color
Hex	D29EB1
RGB	210, 158, 177
RGB Percent	82%, 62%, 69%
CMY	0.1765, 0.3804, 0.3059
CMYK	0.00, 0.25, 0.16, 0.18
HSL	338°, 37%, 72%
HSV	338°, 25%, 82%
XYZ	46.7410, 41.3297, 47.1089
YIQ	175.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

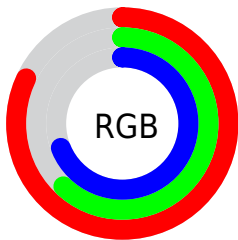
Format	Color
R _Y B	210, 158, 177
Decimal	13803185
CIE Lab	70.41, 22.22, -2.29
CIE LCh	70, 22.337, 354.114
Yxy	41.3297, 0.3458, 0.3057
Android (android.graphics.Color)	4291993265 (0xFFD29EB1)
YUV	175.7140, 0.6340, 30.0688
Hunter-Lab	64.2882, 17.2749, 1.5554

Details

The XYZ color **46.7410, 41.3297, 47.1089** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5528, 57.1249, 57.8655**, and the grayscale version is **41.1067, 43.2474, 47.0964**.

A 20% lighter version of the original color is **79.7422, 74.7317, 87.3126**, and **22.3097, 18.7319, 21.5085** is the 20% darker color. If you saturate the color by 10%, you get **42.1963, 34.2630, 39.3568**, and if you desaturate by 10%, it is **52.0299, 49.6761, 55.7501**.

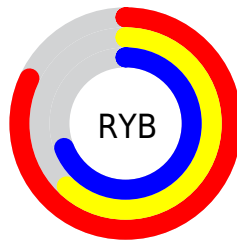
Distribution



Red (82%)

Green (62%)

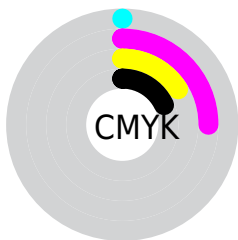
Blue (69%)



Red (82%)

Yellow (62%)

Blue (69%)

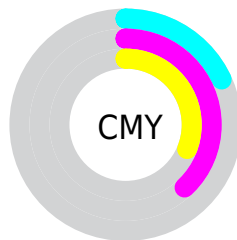


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7410, 41.3297, 47.1089 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 46.7410, 41.3297, 47.1089 by changing the saturation by 10% instead.


 46.7410, 41.3297,
47.1089


 46.7410, 41.3297,
47.1089

364.4460,
351.6967, 391.6554

 33.0380, 28.5768,
32.7668


 84.5480, 77.1841,
87.2278

 22.3150, 18.7609,
21.6782


 109.3827,
101.0545, 113.8417

 14.2064, 11.4976,
13.4246


138.6588,
129.3994, 145.3833

 8.3470, 6.4026,
7.5874

172.7415,
162.6033, 182.2711

 4.3715, 3.0914,
3.7481

211.9962,
201.0506, 224.9237

 1.9144, 1.1796,
1.4882

256.7883,

 0.5852, 0.0450,

245.1256, 273.7596

0.2091

307.4831,
295.2129, 329.1973

■ 0.0000, 0.0000,
0.0000

■ 46.7410, 41.3297,
47.1089

■ 46.7410, 41.3297,
47.1089

■ 42.1963, 34.2630,
39.3568

■ 52.0299, 49.6761,
55.7501

■ 38.3574, 28.4068,
32.4615

■ 58.0920, 59.3559,
65.3063

■ 35.1878, 23.6937,
26.3922

■ 64.9588, 70.4264,
75.8053

■ 32.6461, 20.0473,
21.1148

■ 72.6592, 82.9400,
87.2729

■ 30.6860, 17.3821,
16.5930

■ 78.6131, 91.7316,
98.8649

■ 29.2544, 15.5987,
12.7864

■ 80.3885, 92.4417,
108.2139

■ 28.2870, 14.5767,
9.6499

■ 27.9082, 14.2336,
8.2461

Harmonies

Analogous

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



45.2916, 41.3297, 57.9396



46.7410, 41.3297, 47.1089



46.0933, 41.3297, 37.2274

Triad

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



46.7410, 41.3297, 47.1089



36.4652, 41.3297, 28.9387



35.2836, 41.3297, 63.4734

Complementary

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



46.7410, 41.3297, 47.1089



46.5528, 57.1249, 57.8655

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.



33.1783, 41.3297, 53.7878



46.7410, 41.3297, 47.1089



33.8301, 41.3297, 34.1481

Square

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



46.7410, 41.3297, 47.1089



40.0119, 41.3297, 27.7197



32.6631, 41.3297, 42.9570



38.5623, 41.3297, 68.2884

Rectangle

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



46.7410, 41.3297, 47.1089



44.5787, 41.3297, 32.3304



32.6631, 41.3297, 42.9570



34.4236, 41.3297, 60.6128

Sweetspot

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



46.7422, 41.3316, 47.1098



87.8469, 88.4270, 97.7646



45.3303, 40.1767, 66.3389



18.6762, 18.7242, 20.7275



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.



46.7422, 41.3316, 47.1098



68.4552, 57.7782, 66.2228



46.1944, 43.0584, 38.2265



11.9847, 11.8786, 13.1953



17.0679, 8.7000, 5.2636



0.9920, 0.5015, 0.4929

Inverse Universe

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



46.7422, 41.3316, 47.1098



68.4552, 57.7782, 66.2228



47.1065, 54.6667, 69.0421



11.9847, 11.8786, 13.1953



17.0679, 8.7000, 5.2636



0.9920, 0.5015, 0.4929

Previews

White Background



This preview shows how the XYZ color 46.7410, 41.3297, 47.1089 looks on a white background.

Color Contrast Check

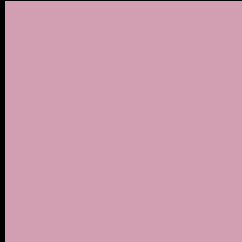
Large Text (above 18pt) WCAG AA × Fail

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 46.7410, 41.3297, 47.1089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

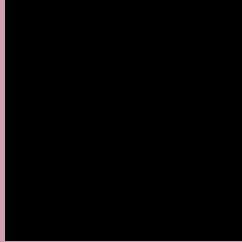
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7410, 41.3297, 47.1089

Background



This preview shows how black text looks on a background with the XYZ color 46.7410, 41.3297, 47.1089.



This preview shows how white text looks on a background with the XYZ color 46.7410, 41.3297,

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

46.7410, 41.3297, 47.1089

Protanopia

40.3331, 41.3993, 51.7640

Deuteranopia

42.2956, 41.4239, 46.3238



Tritanopia

46.0433, 41.2919, 44.0715

Trichromacy



Original Color

46.7410, 41.3297, 47.1089

Protanomaly

42.3294, 41.0889, 49.9559

Deuteranomaly

43.8769, 41.4213, 46.7568

Tritanomaly

46.2355, 41.3687, 45.0833

Monochromacy



Original Color

46.7410, 41.3297, 47.1089

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.7635, 42.2019, 46.9662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7410, 41.3297, 47.1089 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, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 177)  
}
```

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, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 177) }
```

Border

The CSS property to change the border of an element to XYZ 46.7410, 41.3297, 47.1089 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, 158, 177) }
```


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

```
.border{ border-color:rgb(210, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7410, 41.3297, 47.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 177) }
```

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

```
.background{ background-color: rgb(210,  
158, 177) }
```

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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