

Converting Colors

XYZ(47.0913, 38.2712, 41.6500)

Have a look what the booklet for
XYZ(47.0913, 38.2712, 41.6500)
contains.

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Color

**XYZ(47.0725, 38.2661,
41.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	DE90A7
RGB	222, 144, 167
RGB Percent	87%, 56%, 65%
CMY	0.1294, 0.4353, 0.3451
CMYK	0.00, 0.35, 0.25, 0.13
HSL	342°, 54%, 72%
HSV	342°, 35%, 87%
XYZ	47.0725, 38.2661, 41.4643
YIQ	169.9440, 39.1050, 23.6890

Conversions

Conversions Part 2

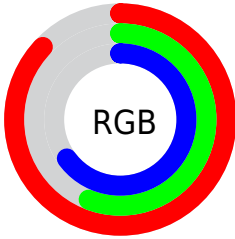
Format	Color
R _Y B	222, 144, 167
Decimal	14586023
CIE Lab	68.22, 32.59, 0.23
CIE LCh	68, 32.591, 0.411
Yxy	38.2661, 0.3712, 0.3018
Android (android.graphics.Color)	4292776103 (0xFFDE90A7)
YUV	169.9440, -1.4514, 45.6531
Hunter-Lab	61.8596, 27.5765, 3.5598

Details

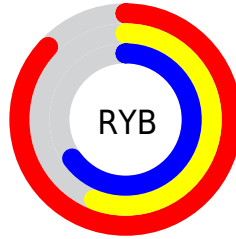
The XYZ color **47.0725, 38.2661, 41.4643** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9333, 62.2963, 63.5339**, and the grayscale version is **38.1749, 40.1629, 43.7374**.

A 20% lighter version of the original color is **74.8482, 67.3808, 78.1681**, and **22.4387, 16.8914, 18.2974** is the 20% darker color. If you saturate the color by 10%, you get **42.6741, 31.6466, 33.2850**, and if you desaturate by 10%, it is **52.3094, 46.2815, 50.7883**.

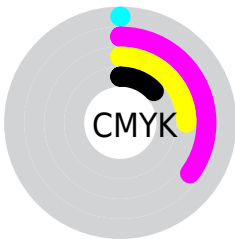
Distribution



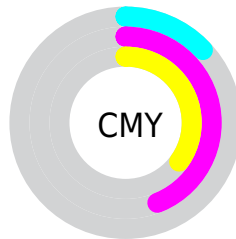
- Red (87%)
- Green (56%)
- Blue (65%)



- Red (87%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0725, 38.2661, 41.4643 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 47.0725, 38.2661, 41.4643 by changing the saturation by 10% instead.


 47.0725, 38.2661,
41.4643


 47.0725, 38.2661,
41.4643


365.7479,
338.7601, 367.9914

 33.3012, 26.1893,
28.3596

 85.0399, 72.5158,
78.6495

 22.5176, 16.9653,
18.3555


 109.9667, 95.4575,
103.5672

 14.3564, 10.2098,
11.0335


139.3427,
122.7896, 133.2595

 8.4523, 5.5383,
5.9749

173.5332,
154.8965, 168.1452

 4.4400, 2.5664,
2.7613

212.9036,
192.1626, 208.6427

 1.9539, 0.9098,
0.9741

257.8193,

 0.6079, 0.0000,

234.9723, 255.1705

0.0000

308.6456,
283.7100, 308.1472

■ 0.0000, 0.0000,
0.0000

■ 47.0725, 38.2661,
41.4643

■ 47.0725, 38.2661,
41.4643

■ 42.6741, 31.6466,
33.2850

■ 52.3094, 46.2815,
50.7883

■ 39.0658, 26.3373,
26.2023

■ 58.4232, 55.7612,
61.2978

■ 36.1991, 22.2513,
20.1680

■ 65.4539, 66.7758,
73.0343

■ 34.0184, 19.2888,
15.1288

■ 73.4379, 79.3894,
86.0365

■ 32.4601, 17.3344,
11.0263

■ 82.4077, 93.6590,
100.3409

■ 31.4468, 16.2466,
7.7944

■ 83.9343, 94.2697,
108.3798

■ 31.0916, 15.9166,
6.5036

Harmonies

Analogous

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



45.5718, 38.2661, 57.1104



47.0725, 38.2661, 41.4643



45.4902, 38.2661, 29.0160

Triad

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



47.0725, 38.2661, 41.4643



31.6339, 38.2661, 21.8511



31.7449, 38.2661, 71.1337

Complementary

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



47.0725, 38.2661, 41.4643



47.9333, 62.2963, 63.5339

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.



28.5597, 38.2661, 57.5417



47.0725, 38.2661, 41.4643



28.4999, 38.2661, 29.2908

Square

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



47.0725, 38.2661, 41.4643



36.3005, 38.2661, 19.4361



27.4280, 38.2661, 41.8669



36.4411, 38.2661, 76.4880

Rectangle

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



47.0725, 38.2661, 41.4643



42.9776, 38.2661, 23.5688



27.4280, 38.2661, 41.8669



30.4783, 38.2661, 67.2413

Sweetspot

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



47.0736, 38.2679, 41.4651



83.7226, 82.1817, 90.2140



46.6067, 37.3099, 73.8526



17.6448, 17.1596, 18.8478



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.



47.0736, 38.2679, 41.4651



59.9992, 45.6824, 48.5562



47.6612, 42.5482, 32.0884



13.8727, 13.7667, 15.0996



18.5102, 9.4711, 4.0867



1.3215, 0.6719, 0.4857

Inverse Universe

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



47.0736, 38.2679, 41.4651



59.9992, 45.6824, 48.5562



46.8555, 55.5399, 77.3583



13.8727, 13.7667, 15.0996



18.5102, 9.4711, 4.0867



1.3215, 0.6719, 0.4857

Previews

White Background



This preview shows how the XYZ color 47.0725, 38.2661, 41.4643 looks on a white background.

Color Contrast Check

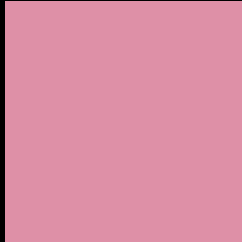
Large Text (above 18pt) WCAG AA × Fail

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 47.0725, 38.2661, 41.4643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

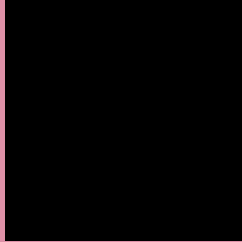
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0725, 38.2661, 41.4643

Background



This preview shows how black text looks on a background with the XYZ color 47.0725, 38.2661, 41.4643.



This preview shows how white text looks on a background with the XYZ color 47.0725, 38.2661,

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

47.0725, 38.2661, 41.4643

Protanopia

37.6003, 38.6747, 48.6632

Deuteranopia

39.2129, 38.3604, 40.4595



Tritanopia

46.1835, 38.3642, 36.8692

Trichromacy



Original Color

47.0725, 38.2661, 41.4643

Protanomaly

40.2144, 37.9880, 45.7703

Deuteranomaly

41.8016, 38.1651, 40.7607

Tritanomaly

46.3772, 38.1962, 38.6465

Monochromacy



Original Color

47.0725, 38.2661, 41.4643

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.8926, 39.1731, 42.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0725, 38.2661, 41.4643 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(222, 144, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 144, 167)  
}
```

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(222, 144, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 144, 167) }
```

Border

The CSS property to change the border of an element to XYZ 47.0725, 38.2661, 41.4643 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(222, 144, 167) }
```


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

```
.border{ border-color:rgb(222, 144, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 144, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 144, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 144, 167);  
box-shadow:4px 4px 4px 4px rgb(222, 144,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0725, 38.2661, 41.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 144, 167) }
```

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

```
.background{ background-color: rgb(222,  
144, 167) }
```

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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