

Converting Colors

XYZ(45.7822, 38.6638, 41.8494)

Have a look what the booklet for
XYZ(45.7822, 38.6638, 41.8494)
contains.

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Color

**XYZ(45.7468, 38.7320,
41.6241)**

Conversions

Conversions Part 1

Format	Color
Hex	D795A7
RGB	215, 149, 167
RGB Percent	84%, 58%, 65%
CMY	0.1569, 0.4157, 0.3451
CMYK	0.00, 0.31, 0.22, 0.16
HSL	344°, 45%, 71%
HSV	344°, 31%, 84%
XYZ	45.7468, 38.7320, 41.6241
YIQ	170.7860, 33.5580, 19.5900

Conversions

Conversions Part 2

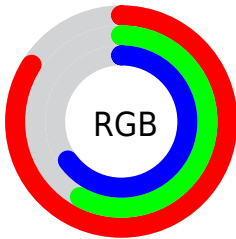
Format	Color
R _Y B	215, 149, 167
Decimal	14128551
CIE Lab	68.56, 27.37, 0.63
CIE LCh	69, 27.381, 1.328
Yxy	38.7320, 0.3628, 0.3071
Android (android.graphics.Color)	4292318631 (0xFFD795A7)
YUV	170.7860, -1.8665, 38.7757
Hunter-Lab	62.2350, 22.2978, 3.9101

Details

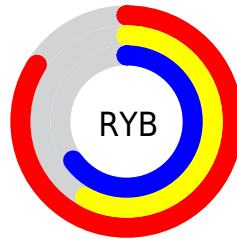
The XYZ color **45.7468, 38.7320, 41.6241** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7745, 59.0226, 61.7534**, and the grayscale version is **38.5995, 40.6097, 44.2240**.

A 20% lighter version of the original color is **76.0177, 69.7197, 78.5579**, and **21.6673, 17.1581, 18.3895** is the 20% darker color. If you saturate the color by 10%, you get **41.2947, 32.0030, 33.4339**, and if you desaturate by 10%, it is **51.0037, 46.7903, 50.9459**.

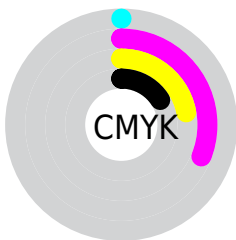
Distribution



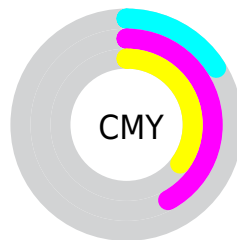
- Red (84%)
- Green (58%)
- Blue (65%)



- Red (84%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7468, 38.7320, 41.6241 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 45.7468, 38.7320, 41.6241 by changing the saturation by 10% instead.


 45.7468, 38.7320,
41.6241


 45.7468, 38.7320,
41.6241

360.5228,
340.7497, 368.6759

 32.2498, 26.5513,
28.4837


 83.0701, 73.2287,
78.8943

 21.7089, 17.2365,
18.4484

 107.6272, 96.3135,
103.8612

 13.7585, 10.4033,
11.0996


136.6017,
123.8019, 133.6074

 8.0335, 5.6672,
6.0189

170.3589,
156.0781, 168.5514

 4.1684, 2.6438,
2.7876

209.2643,
193.5266, 209.1117

 1.7978, 0.9487,
0.9872

253.6832,

 0.5164, 0.0000,

236.5317, 255.7068

0.0000

303.9809,
285.4780, 308.7554

■ 0.0000, 0.0000,
0.0000

■ 45.7468, 38.7320,
41.6241

■ 45.7468, 38.7320,
41.6241

■ 41.2947, 32.0030,
33.4339

■ 51.0037, 46.7903,
50.9459

■ 37.6035, 26.5261,
26.3288

■ 57.1002, 56.2388,
61.4387

■ 34.6297, 22.2247,
20.2622

■ 64.0726, 67.1410,
73.1427

■ 32.3239, 19.0114,
15.1831

■ 71.9542, 79.5550,
86.0957

■ 30.6303, 16.7863,
11.0360

■ 80.2946, 92.5712,
100.1728

■ 29.4831, 15.4310,
7.7586

■ 81.8344, 93.1871,
108.2815

■ 28.8042, 14.7590,
5.4177

Harmonies

Analogous

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



44.5835, 38.7320, 54.6313



45.7468, 38.7320, 41.6241



44.3653, 38.7320, 30.9851

Triad

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



45.7468, 38.7320, 41.6241



32.6660, 38.7320, 24.9575



32.9746, 38.7320, 66.6447

Complementary

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



45.7468, 38.7320, 41.6241



46.7745, 59.0226, 61.7534

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.



30.1715, 38.7320, 55.7729



45.7468, 38.7320, 41.6241



30.0033, 38.7320, 31.7685

Square

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



45.7468, 38.7320, 41.6241



36.6216, 38.7320, 22.5985



29.1263, 38.7320, 42.7258



37.0063, 38.7320, 70.6673

Rectangle

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



45.7468, 38.7320, 41.6241



42.2451, 38.7320, 26.2082



29.1263, 38.7320, 42.7258



31.8688, 38.7320, 63.5774

Sweetspot

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



45.7479, 38.7338, 41.6249



85.5886, 85.1925, 93.0592



45.8576, 38.1792, 69.2426



18.0138, 17.7584, 19.4003



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.



45.7479, 38.7338, 41.6249



62.8269, 50.1888, 53.0411



46.6010, 42.9198, 34.2643



12.5610, 12.4759, 13.6284



17.2667, 8.8430, 3.4427



1.0763, 0.5473, 0.3910

Inverse Universe

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



45.7479, 38.7338, 41.6249



62.8269, 50.1888, 53.0411



45.4783, 52.9306, 72.1099



12.5610, 12.4759, 13.6284



17.2667, 8.8430, 3.4427



1.0763, 0.5473, 0.3910

Previews

White Background



This preview shows how the XYZ color 45.7468, 38.7320, 41.6241 looks on a white background.

Color Contrast Check

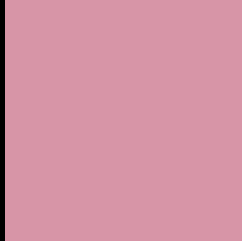
Large Text (above 18pt) WCAG AA × Fail

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 45.7468, 38.7320, 41.6241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

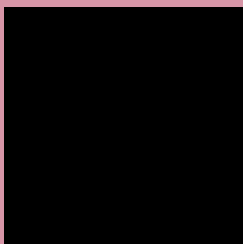
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7468, 38.7320, 41.6241

Background



This preview shows how black text looks on a background with the XYZ color 45.7468, 38.7320, 41.6241.



This preview shows how white text looks on a background with the XYZ color 45.7468, 38.7320,

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

45.7468, 38.7320, 41.6241

Protanopia

37.9030, 39.1366, 47.1514

Deuteranopia

39.7194, 38.8716, 41.0068



Tritanopia

45.0709, 38.6820, 38.8091

Trichromacy



Original Color

45.7468, 38.7320, 41.6241

Protanomaly

40.1212, 38.4730, 44.8466

Deuteranomaly

41.7049, 38.6029, 41.3294

Tritanomaly

45.2488, 38.7532, 39.7456

Monochromacy



Original Color

45.7468, 38.7320, 41.6241

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.8464, 39.6615, 43.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7468, 38.7320, 41.6241 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(215, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 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(215, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 45.7468, 38.7320, 41.6241 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(215, 149, 167) }
```


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

```
.border{ border-color:rgb(215, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 149, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 149, 167); box-shadow:4px 4px 4px 4px rgb(215, 149, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7468, 38.7320, 41.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 167) }
```

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

```
.background{ background-color: rgb(215,  
149, 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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