

Converting Colors

XYZ(45.2155, 35.5586, 38.0394)

Have a look what the booklet for
XYZ(45.2155, 35.5586, 38.0394)
contains.

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Color

**XYZ(45.3614, 35.7111,
38.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	DE88A1
RGB	222, 136, 161
RGB Percent	87%, 53%, 63%
CMY	0.1294, 0.4666, 0.3686
CMYK	0.00, 0.39, 0.27, 0.13
HSL	343°, 57%, 70%
HSV	343°, 39%, 87%
XYZ	45.3614, 35.7111, 38.2203
YIQ	164.5640, 43.2310, 26.0070

Conversions

Conversions Part 2

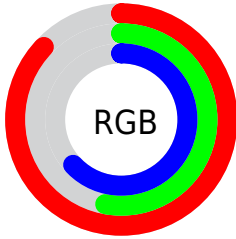
Format	Color
RYB	222, 136, 161
Decimal	14583969
CIELab	66.30, 36.00, 0.81
CIELCh	66, 36.012, 1.291
Yxy	35.7111, 0.3803, 0.2994
Android (android.graphics.Color)	4292774049 (0xFFDE88A1)
YUV	164.5640, -1.7571, 50.3714
Hunter-Lab	59.7588, 30.9171, 3.9106

Details

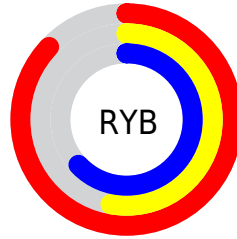
The XYZ color **45.3614, 35.7111, 38.2203** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **46.3543, 61.5090, 62.2558**, and the grayscale version is **35.5500, 37.4014, 40.7301**.

A 20% lighter version of the original color is **72.0481, 63.0448, 73.3373**, and **21.5018, 15.4658, 16.6038** is the 20% darker color. If you saturate the color by 10%, you get **41.2502, 29.5726, 30.4246**, and if you desaturate by 10%, it is **50.2971, 43.2179, 47.1545**.

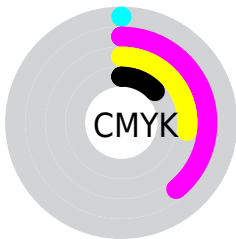
Distribution



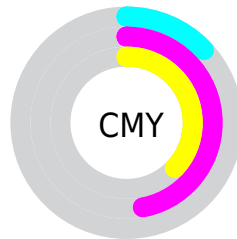
- Red (87%)
- Green (53%)
- Blue (63%)



- Red (87%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (27%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3614, 35.7111, 38.2203 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 45.3614, 35.7111, 38.2203 by changing the saturation by 10% instead.


 45.3614, 35.7111,
38.2203


 45.3614, 35.7111,
38.2203


358.9944,
327.6961, 353.8905


 31.9447, 24.2112,
25.8506


 82.4962, 68.5859,
73.6528

 21.4746, 15.4903,
16.4871


 106.9450, 90.7296,
97.5527

 13.5858, 9.1642,
9.7114


 135.8018,
117.1900, 126.1331

 7.9129, 4.8485,
5.1050

169.4321,
148.3514, 159.8124

 4.0906, 2.1586,
2.2492

208.2011,
184.5984, 199.0093

 1.7535, 0.6973,
0.7025

252.4743,

 0.4894, 0.0000,

226.3152, 244.1422

0.0000

302.6169,
273.8863, 295.6298

■ 0.0000, 0.0000,
0.0000

■ 45.3614, 35.7111,
38.2203

■ 45.3614, 35.7111,
38.2203

■ 41.2502, 29.5726,
30.4246

■ 50.2971, 43.2179,
47.1545

■ 37.9136, 24.7143,
23.7177

■ 56.0971, 52.1640,
57.2696

■ 35.3010, 21.0454,
18.0492

■ 62.8024, 62.6216,
68.6085

■ 33.3542, 18.4612,
13.3635

■ 70.4503, 74.6565,
81.2112

■ 32.0051, 16.8384,
9.5987

■ 79.0762, 88.3305,
95.1158

■ 31.1535, 15.9900,
6.6789

■ 83.9343, 94.2697,
108.3798

■ 31.0648, 15.9059,
6.3622

Harmonies

Analogous

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



43.8401, 35.7111, 54.9090



45.3614, 35.7111, 38.2203



43.5645, 35.7111, 25.4447

Triad

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



45.3614, 35.7111, 38.2203



28.8515, 35.7111, 18.6745



29.2148, 35.7111, 71.0579

Complementary

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



45.3614, 35.7111, 38.2203



46.3543, 61.5090, 62.2558

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.



25.8528, 35.7111, 56.3756



45.3614, 35.7111, 38.2203



25.6591, 35.7111, 26.3253

Square

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



45.3614, 35.7111, 38.2203



33.7100, 35.7111, 16.1603



24.6210, 35.7111, 39.5540



34.1757, 35.7111, 76.6262

Rectangle

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



45.3614, 35.7111, 38.2203



40.8261, 35.7111, 20.0546



24.6210, 35.7111, 39.5540



27.8794, 35.7111, 66.8624

Sweetspot

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



45.3624, 35.7128, 38.2210



82.7533, 80.6866, 88.5238



44.8074, 34.6467, 73.4334



17.4505, 16.8611, 18.5057



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.



45.3624, 35.7128, 38.2210



57.7121, 42.3216, 44.0534



45.9934, 40.1569, 28.6216



13.8703, 13.7657, 15.0870



18.4939, 9.4645, 4.0005



1.3201, 0.6713, 0.4784

Inverse Universe

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



45.3624, 35.7128, 38.2210



57.7121, 42.3216, 44.0534



45.1230, 54.0764, 77.1671



13.8703, 13.7657, 15.0870



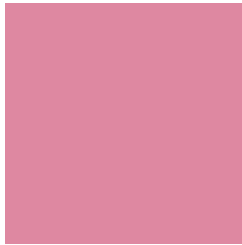
18.4939, 9.4645, 4.0005



1.3201, 0.6713, 0.4784

Previews

White Background



This preview shows how the XYZ color 45.3614, 35.7111, 38.2203 looks on a white background.

Color Contrast Check

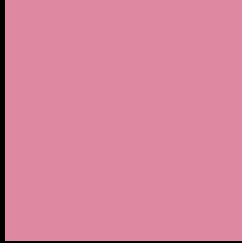
Large Text (above 18pt) WCAG AA × Fail

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 45.3614, 35.7111, 38.2203 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 45.3614, 35.7111, 38.2203

Background



This preview shows how black text looks on a background with the XYZ color 45.3614, 35.7111, 38.2203.



This preview shows how white text looks on a background with the XYZ color 45.3614, 35.7111,

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

45.3614, 35.7111, 38.2203

Protanopia

35.0785, 36.0979, 46.1931

Deuteranopia

36.5647, 35.7950, 36.8802



Tritanopia

44.3321, 35.7190, 32.9917

Trichromacy



Original Color

45.3614, 35.7111, 38.2203

Protanomaly

38.1074, 35.4640, 43.3648

Deuteranomaly

39.4247, 35.5656, 37.1347

Tritanomaly

44.5142, 35.5634, 34.6553

Monochromacy



Original Color

45.3614, 35.7111, 38.2203

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.5061, 36.2306, 40.0857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3614, 35.7111, 38.2203 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, 136, 161)` looks like.

```
.text, #text, p{  
    color:rgb(222, 136, 161)  
}
```

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, 136, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 136, 161) }
```

Border

The CSS property to change the border of an element to XYZ 45.3614, 35.7111, 38.2203 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, 136, 161) }
```


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

```
.border{ border-color:rgb(222, 136, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 136, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 136, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 136, 161); box-shadow:4px 4px 4px 4px rgb(222, 136, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3614, 35.7111, 38.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 136, 161) }
```

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

```
.background{ background-color: rgb(222,  
136, 161) }
```

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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