

Converting Colors

XYZ(43.9714, 36.7161, 39.1391)

Have a look what the booklet for
XYZ(43.9714, 36.7161, 39.1391)
contains.

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Color

**XYZ(43.9354, 36.7013,
38.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	D590A2
RGB	213, 144, 162
RGB Percent	84%, 56%, 64%
CMY	0.1647, 0.4353, 0.3647
CMYK	0.00, 0.32, 0.24, 0.16
HSL	344°, 45%, 70%
HSV	344°, 32%, 84%
XYZ	43.9354, 36.7013, 38.9508
YIQ	166.6830, 35.3460, 20.2260

Conversions

Conversions Part 2

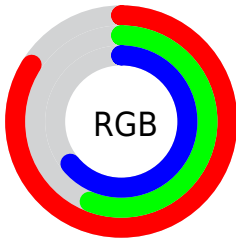
Format	Color
R _Y B	213, 144, 162
Decimal	13996194
CIE Lab	67.05, 28.62, 1.22
CIE LCh	67, 28.642, 2.436
Yxy	36.7013, 0.3674, 0.3069
Android (android.graphics.Color)	4292186274 (0xFFD590A2)
YUV	166.6830, -2.3087, 40.6200
Hunter-Lab	60.5816, 23.4352, 4.2867

Details

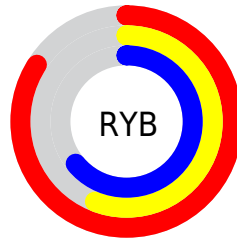
The XYZ color **43.9354, 36.7013, 38.9508** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1478, 57.4588, 60.3438**, and the grayscale version is **36.5761, 38.4810, 41.9058**.

A 20% lighter version of the original color is **73.9585, 66.6579, 74.6139**, and **20.6335, 16.1226, 16.7763** is the 20% darker color. If you saturate the color by 10%, you get **39.6954, 30.3224, 31.0595**, and if you desaturate by 10%, it is **48.9613, 44.3709, 47.9695**.

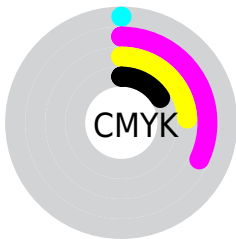
Distribution



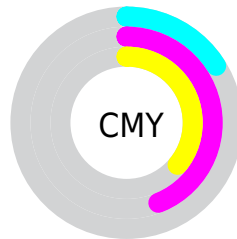
- Red (84%)
- Green (56%)
- Blue (64%)



- Red (84%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9354, 36.7013, 38.9508 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 43.9354, 36.7013, 38.9508 by changing the saturation by 10% instead.


 43.9354, 36.7013,
38.9508

 43.9354, 36.7013,
38.9508

353.3013,
332.0155, 357.1010

 30.8174, 24.9763,
26.4139


 80.3675, 70.1131,
74.7827

 20.6110, 16.0594,
16.9050


 104.4123, 92.5688,
98.9147

 12.9508, 9.5662,
10.0055


132.8301,
119.3701, 127.7489

 7.4714, 5.1123,
5.2970

165.9862,
150.9015, 161.7038

 3.8076, 2.3133,
2.3608

204.2460,
187.5473, 201.1979

 1.5939, 0.7807,
0.7650

247.9749,

 0.3884, 0.0000,

229.6920, 246.6498

0.0000

297.5382,
277.7199, 298.4780

■ 0.0000, 0.0000,
0.0000

■ 43.9354, 36.7013,
38.9508

■ 43.9354, 36.7013,
38.9508

■ 39.6954, 30.3224,
31.0595

■ 48.9613, 44.3709,
47.9695

■ 36.1975, 25.1580,
24.2479

■ 54.8078, 53.3918,
58.1561

■ 33.3982, 21.1314,
18.4681

■ 61.5112, 63.8270,
69.5517

■ 31.2479, 18.1554,
13.6675

■ 69.1046, 75.7337,
82.1949

■ 29.6902, 16.1298,
9.7886

■ 77.6195, 89.1664,
96.1225

■ 28.6582, 14.9346,
6.7668

■ 81.2507, 92.8862,
108.2542

■ 28.1436, 14.4274,
4.9860

Harmonies

Analogous

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



42.8450, 36.7013, 52.1164



43.9354, 36.7013, 38.9508



42.4381, 36.7013, 28.4303

Triad

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



43.9354, 36.7013, 38.9508



30.5825, 36.7013, 22.9473



31.1507, 36.7013, 65.2115

Complementary

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



43.9354, 36.7013, 38.9508



45.1478, 57.4588, 60.3438

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.



28.2832, 36.7013, 54.2524



43.9354, 36.7013, 38.9508



27.9749, 36.7013, 29.8606

Square

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



43.9354, 36.7013, 38.9508



34.5288, 36.7013, 20.4724



27.1690, 36.7013, 40.9895



35.2406, 36.7013, 69.0261

Rectangle

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



43.9354, 36.7013, 38.9508



40.2410, 36.7013, 23.8080



27.1690, 36.7013, 40.9895



30.0239, 36.7013, 62.1425

Sweetspot

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



43.9364, 36.7030, 38.9515



84.5601, 83.6406, 91.1594



44.3873, 36.3014, 67.6184



17.8068, 17.4484, 19.0105



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.



43.9364, 36.7030, 38.9515



61.4438, 48.2425, 50.0528



45.0640, 41.3377, 31.9916



12.5549, 12.4735, 13.5963



17.2272, 8.8272, 3.2344



1.0732, 0.5461, 0.3748

Inverse Universe

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



43.9364, 36.7030, 38.9515



61.4438, 48.2425, 50.0528



43.4567, 50.6217, 70.4315



12.5549, 12.4735, 13.5963



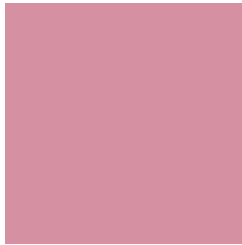
17.2272, 8.8272, 3.2344



1.0732, 0.5461, 0.3748

Previews

White Background



This preview shows how the XYZ color 43.9354, 36.7013, 38.9508 looks on a white background.

Color Contrast Check

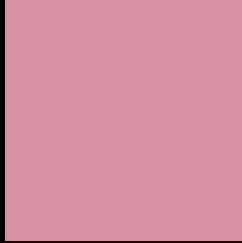
Large Text (above 18pt) WCAG AA × Fail

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 43.9354, 36.7013, 38.9508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

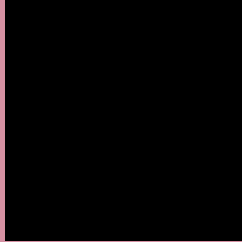
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9354, 36.7013, 38.9508

Background



This preview shows how black text looks on a background with the XYZ color 43.9354, 36.7013, 38.9508.



This preview shows how white text looks on a background with the XYZ color 43.9354, 36.7013,

38.9508.

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

43.9354, 36.7013, 38.9508

Protanopia

35.9499, 37.1040, 44.8022

Deuteranopia

37.5409, 36.7807, 37.9216



Tritanopia

43.2775, 36.6481, 36.2453

Trichromacy



Original Color

43.9354, 36.7013, 38.9508

Protanomaly

38.3413, 36.5866, 42.5772

Deuteranomaly

39.7287, 36.6580, 38.2395

Tritanomaly

43.4483, 36.7165, 37.1448

Monochromacy



Original Color

43.9354, 36.7013, 38.9508

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.9568, 37.7032, 40.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9354, 36.7013, 38.9508 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(213, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 162)  
}
```

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(213, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 162) }
```

Border

The CSS property to change the border of an element to XYZ 43.9354, 36.7013, 38.9508 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(213, 144, 162) }
```


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

```
.border{ border-color:rgb(213, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9354, 36.7013, 38.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 144, 162) }
```

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

```
.background{ background-color: rgb(213,  
144, 162) }
```

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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