

Converting Colors

XYZ(44.7077, 38.5246, 36.5954)

Have a look what the booklet for
XYZ(44.7077, 38.5246, 36.5954)
contains.

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Color

**XYZ(44.6387, 38.5091,
36.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	D6969C
RGB	214, 150, 156
RGB Percent	84%, 59%, 61%
CMY	0.1608, 0.4117, 0.3882
CMYK	0.00, 0.30, 0.27, 0.16
HSL	354°, 44%, 71%
HSV	354°, 30%, 84%
XYZ	44.6387, 38.5091, 36.5328
YIQ	169.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

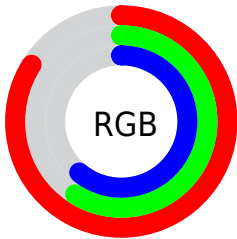
Format	Color
R _Y B	214, 150, 156
Decimal	14063260
CIE Lab	68.39, 24.88, 6.53
CIE LCh	68, 25.727, 14.708
Yxy	38.5091, 0.3730, 0.3218
Android (android.graphics.Color)	4292253340 (0xFFD6969C)
YUV	169.8200, -6.8133, 38.7459
Hunter-Lab	62.0557, 19.8034, 8.5344

Details

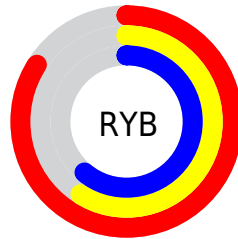
The XYZ color **44.6387, 38.5091, 36.5328** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0111, 59.1322, 68.5607**, and the grayscale version is **38.1399, 40.1262, 43.6974**.

A 20% lighter version of the original color is **74.7042, 69.5758, 70.4649**, and **21.1122, 17.2127, 15.5743** is the 20% darker color. If you saturate the color by 10%, you get **40.0172, 31.6878, 27.5263**, and if you desaturate by 10%, it is **50.1481, 46.6861, 47.1300**.

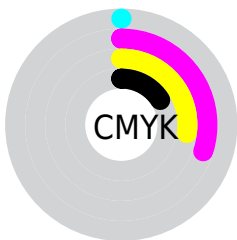
Distribution



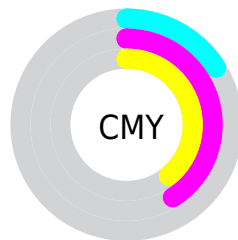
- Red (84%)
- Green (59%)
- Blue (61%)



- Red (84%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (16%)




- Cyan (16%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6387, 38.5091, 36.5328 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 44.6387, 38.5091, 36.5328 by changing the saturation by 10% instead.


 44.6387, 38.5091,
36.5328


 44.6387, 38.5091,
36.5328


356.1167,
339.7989, 346.3909

 31.3730, 26.3781,
24.5530


 81.4184, 72.8878,
71.0319

 21.0363, 17.1067,
15.5284


 105.6631, 95.9042,
94.3883

 13.2631, 10.3106,
9.0403


134.2982,
123.3179, 122.3741

 7.6882, 5.6054,
4.6703

167.6890,
155.5132, 155.4076

 3.9462, 2.6066,
1.9998

206.2009,
192.8746, 193.9075

 1.6718, 0.9300,
0.5552

250.1992,

 0.4385, 0.0000,

235.7864, 238.2924

0.0000

300.0494,
284.6330, 288.9807

■ 0.0000, 0.0000,
0.0000

■ 44.6387, 38.5091,
36.5328

■ 44.6387, 38.5091,
36.5328

■ 40.0172, 31.6878,
27.5263

■ 50.1481, 46.6861,
47.1300

■ 36.2341, 26.1438,
20.0313

■ 56.5854, 56.2808,
59.3870

■ 33.2399, 21.7991,
13.9655

■ 63.9917, 67.3579,
73.3717

■ 30.9783, 18.5650,
9.2378

■ 72.4049, 79.9766,
89.1477

■ 29.3859, 16.3404,
5.7464

■ 81.2176, 92.9066,
106.5608

■ 28.3879, 15.0058,
3.3749

■ 81.5417, 93.0362,
108.2678

■ 27.8623, 14.3520,
1.9746

■ 27.8584, 14.3469,
1.9651

Harmonies

Analogous

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



44.6153, 38.5091, 48.0735



44.6387, 38.5091, 36.5328



42.4030, 38.5091, 28.1490

Triad

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



44.6387, 38.5091, 36.5328



31.4058, 38.5091, 28.0263



34.5915, 38.5091, 67.2502

Complementary

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



44.6387, 38.5091, 36.5328



48.0111, 59.1322, 68.5607

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.



31.3553, 38.5091, 59.6030



44.6387, 38.5091, 36.5328



29.6102, 38.5091, 36.3333

Square

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



44.6387, 38.5091, 36.5328



34.6653, 38.5091, 23.8870



29.5924, 38.5091, 47.8339



38.6090, 38.5091, 67.3306

Rectangle

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



44.6387, 38.5091, 36.5328



40.0208, 38.5091, 24.8643



29.5924, 38.5091, 47.8339



33.3831, 38.5091, 65.4247

Sweetspot

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



44.6397, 38.5109, 36.5336



84.9908, 84.9534, 89.9110



48.9452, 40.0216, 68.7640



17.8677, 17.7000, 18.6308



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.



44.6397, 38.5109, 36.5336



61.8000, 50.4964, 45.4192



48.6848, 47.3937, 35.4383



12.4700, 12.4395, 13.1495



16.8555, 8.6785, 1.2772



1.0333, 0.5301, 0.1645

Inverse Universe

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



44.6397, 38.5109, 36.5336



61.8000, 50.4964, 45.4192



42.7856, 47.4782, 70.5279



12.4700, 12.4395, 13.1495



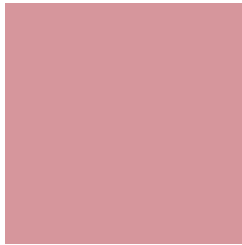
16.8555, 8.6785, 1.2772



1.0333, 0.5301, 0.1645

Previews

White Background



This preview shows how the XYZ color 44.6387, 38.5091, 36.5328 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 44.6387, 38.5091, 36.5328 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 44.6387, 38.5091, 36.5328

Background



This preview shows how black text looks on a background with the XYZ color 44.6387, 38.5091, 36.5328.



This preview shows how white text looks on a background with the XYZ color 44.6387, 38.5091,

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

44.6387, 38.5091, 36.5328

Protanopia

37.2223, 38.6470, 41.0951

Deuteranopia

39.3166, 38.5142, 35.9336



Tritanopia

44.9120, 38.3642, 38.7561

Trichromacy



Original Color

44.6387, 38.5091, 36.5328

Protanomaly

39.5859, 38.3150, 39.4916

Deuteranomaly

40.9993, 38.3508, 36.2519

Tritanomaly

44.7370, 38.2942, 37.8345

Monochromacy



Original Color

44.6387, 38.5091, 36.5328

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.1384, 39.3501, 41.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6387, 38.5091, 36.5328 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(214, 150, 156) looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 156)  
}
```

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(214, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 156) }
```

Border

The CSS property to change the border of an element to XYZ 44.6387, 38.5091, 36.5328 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(214, 150, 156) }
```


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

```
.border{ border-color:rgb(214, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6387, 38.5091, 36.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 156) }
```

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

```
.background{ background-color: rgb(214,  
150, 156) }
```

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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