

Converting Colors

XYZ(44.0638, 36.3437, 38.3800)

Have a look what the booklet for
XYZ(44.0638, 36.3437, 38.3800)
contains.

XYZ(44.1304, 36.3663, 38.4117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.1304, 36.3663,
38.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	D78EA1
RGB	215, 142, 161
RGB Percent	84%, 56%, 63%
CMY	0.1569, 0.4431, 0.3686
CMYK	0.00, 0.34, 0.25, 0.16
HSL	344°, 48%, 70%
HSV	344°, 34%, 84%
XYZ	44.1304, 36.3663, 38.4117
YIQ	165.9930, 37.4090, 21.3850

Conversions

Conversions Part 2

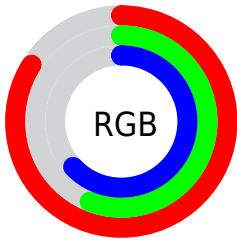
Format	Color
R _Y B	215, 142, 161
Decimal	14126753
CIE Lab	66.80, 30.28, 1.44
CIE LCh	67, 30.314, 2.720
Yxy	36.3663, 0.3711, 0.3058
Android (android.graphics.Color)	4292316833 (0xFFD78EA1)
YUV	165.9930, -2.4615, 42.9791
Hunter-Lab	60.3045, 25.0922, 4.4476

Details

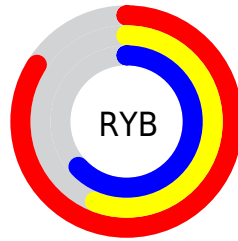
The XYZ color **44.1304, 36.3663, 38.4117** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4212, 58.3382, 61.0940**, and the grayscale version is **36.2419, 38.1293, 41.5228**.

A 20% lighter version of the original color is **73.3746, 65.6977, 73.7794**, and **20.8536, 15.9789, 16.7370** is the 20% darker color. If you saturate the color by 10%, you get **39.9201, 30.0493, 30.5229**, and if you desaturate by 10%, it is **49.1381, 43.9920, 47.4474**.

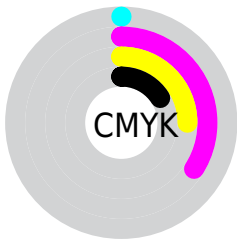
Distribution



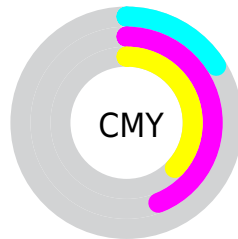
- Red (84%)
- Green (56%)
- Blue (63%)



- Red (84%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1304, 36.3663, 38.4117 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 44.1304, 36.3663, 38.4117 by changing the saturation by 10% instead.


 44.1304, 36.3663,
38.4117


 44.1304, 36.3663,
38.4117


354.0834,
330.5587, 354.7338

 30.9714, 24.7172,
25.9981


 80.6591, 69.5971,
73.9491

 20.7288, 15.8665,
16.5964


 104.7594, 91.9476,
97.9100

 13.0372, 9.4297,
9.7883


133.2376,
118.6340, 126.5571

 7.5314, 5.0225,
5.1550

166.4590,
150.0407, 160.3088

 3.8458, 2.2605,
2.2782

204.7889,
186.5522, 199.5839

 1.6153, 0.7527,
0.7190

248.5927,

 0.4023, 0.0000,

228.5527, 244.8006

0.0000

298.2357,
276.4268, 296.3778

■ 0.0000, 0.0000,
0.0000

■ 44.1304, 36.3663,
38.4117

■ 44.1304, 36.3663,
38.4117

■ 39.9201, 30.0493,
30.5229

■ 49.1381, 43.9920,
47.4474

■ 36.4620, 24.9619,
23.7318

■ 54.9792, 52.9892,
57.6719

■ 33.7106, 21.0246,
17.9887

■ 61.6912, 63.4230,
69.1280

■ 31.6144, 18.1462,
13.2389

■ 69.3084, 75.3527,
81.8552

■ 30.1142, 16.2215,
9.4223

■ 77.8632, 88.8342,
95.8916

■ 29.1392, 15.1234,
6.4714

■ 81.8345, 93.1872,
108.2815

■ 28.7371, 14.7322,
5.0639

Harmonies

Analogous

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



42.9990, 36.3663, 52.3199



44.1304, 36.3663, 38.4117



42.5173, 36.3663, 27.4671

Triad

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



44.1304, 36.3663, 38.4117



30.0194, 36.3663, 21.9403



30.6833, 36.3663, 66.5131

Complementary

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



44.1304, 36.3663, 38.4117



45.4212, 58.3382, 61.0940

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.



27.6719, 36.3663, 54.8564



44.1304, 36.3663, 38.4117



27.3131, 36.3663, 29.1240

Square

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



44.1304, 36.3663, 38.4117



34.1488, 36.3663, 19.3670



26.4926, 36.3663, 40.8059



34.9847, 36.3663, 70.5151

Rectangle

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



44.1304, 36.3663, 38.4117



40.1792, 36.3663, 22.7261



26.4926, 36.3663, 40.8059



29.4999, 36.3663, 63.2497

Sweetspot

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



44.1314, 36.3680, 38.4124



84.5579, 83.6398, 91.1478



44.5838, 35.9275, 68.8752



17.8063, 17.4482, 19.0078



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.



44.1314, 36.3680, 38.4124



60.2198, 46.4172, 47.7247



45.3120, 41.2095, 31.1594



12.5546, 12.4733, 13.5947



17.2253, 8.8264, 3.2243



1.0730, 0.5460, 0.3740

Inverse Universe

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



44.1314, 36.3680, 38.4124



60.2198, 46.4172, 47.7247



43.6089, 51.0313, 71.8419



12.5546, 12.4733, 13.5947



17.2253, 8.8264, 3.2243



1.0730, 0.5460, 0.3740

Previews

White Background



This preview shows how the XYZ color 44.1304, 36.3663, 38.4117 looks on a white background.

Color Contrast Check

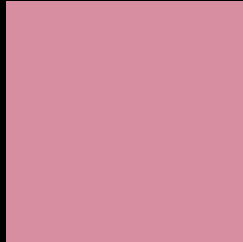
Large Text (above 18pt) WCAG AA × Fail

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 44.1304, 36.3663, 38.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

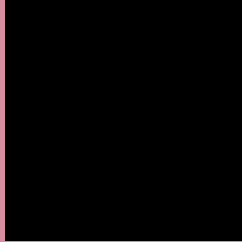
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1304, 36.3663, 38.4117

Background



This preview shows how black text looks on a background with the XYZ color 44.1304, 36.3663, 38.4117.



This preview shows how white text looks on a background with the XYZ color 44.1304, 36.3663,

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

44.1304, 36.3663, 38.4117

Protanopia

35.5674, 36.6443, 44.7336

Deuteranopia

37.2208, 36.6256, 37.4555



Tritanopia

43.3868, 36.2742, 35.2867

Trichromacy



Original Color

44.1304, 36.3663, 38.4117

Protanomaly

38.1742, 36.2523, 42.5215

Deuteranomaly

39.4786, 36.2971, 37.7262

Tritanomaly

43.6398, 36.3754, 36.6194

Monochromacy



Original Color

44.1304, 36.3663, 38.4117

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.5250, 36.9846, 40.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1304, 36.3663, 38.4117 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, 142, 161) looks like.

```
.text, #text, p{  
    color:rgb(215, 142, 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(215, 142, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 142, 161) }
```

Border

The CSS property to change the border of an element to XYZ 44.1304, 36.3663, 38.4117 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, 142, 161) }
```


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

```
.border{ border-color:rgb(215, 142, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 142, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 142, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 142, 161);  
box-shadow:4px 4px 4px 4px rgb(215, 142,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1304, 36.3663, 38.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 142, 161) }
```

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

```
.background{ background-color: rgb(215,  
142, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor