

Converting Colors

XYZ(42.6387, 36.6320, 38.2368)

Have a look what the booklet for
XYZ(42.6387, 36.6320, 38.2368)
contains.

XYZ(42.7913, 36.8154, 38.1084)	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(42.7913, 36.8154,
38.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	D093A0
RGB	208, 147, 160
RGB Percent	82%, 58%, 63%
CMY	0.1843, 0.4235, 0.3725
CMYK	0.00, 0.29, 0.23, 0.18
HSL	347°, 39%, 70%
HSV	347°, 29%, 82%
XYZ	42.7913, 36.8154, 38.1084
YIQ	166.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

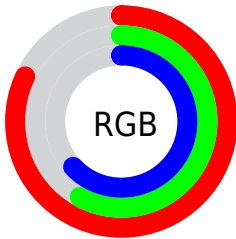
Format	Color
R_{YB}	208, 147, 160
Decimal	13669280
CIE _{Lab}	67.14, 24.86, 2.40
CIE _{LCh}	67, 24.975, 5.507
Yxy	36.8154, 0.3635, 0.3128
Android (android.graphics.Color)	4291859360 (0xFFD093A0)
YUV	166.7210, -3.3135, 36.2017
Hunter-Lab	60.6757, 19.7040, 5.2349

Details

The XYZ color **42.7913, 36.8154, 38.1084** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4404, 55.2558, 59.9557**, and the grayscale version is **36.6004, 38.5065, 41.9335**.

A 20% lighter version of the original color is **74.3924, 67.9396, 73.4827**, and **19.8921, 16.1453, 16.5359** is the 20% darker color. If you saturate the color by 10%, you get **38.5057, 30.3866, 30.0743**, and if you desaturate by 10%, it is **47.8523, 44.4926, 47.3320**.

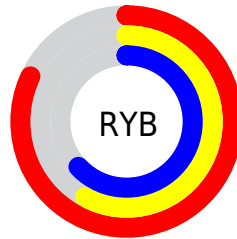
Distribution



Red (82%)

Green (58%)

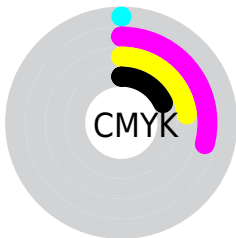
Blue (63%)



Red (82%)

Yellow (58%)

Blue (63%)

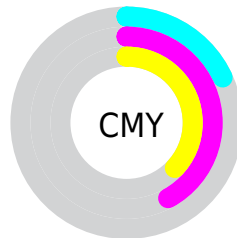


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7913, 36.8154, 38.1084 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 42.7913, 36.8154, 38.1084 by changing the saturation by 10% instead.


 42.7913, 36.8154,
38.1084


 42.7913, 36.8154,
38.1084


348.6889,
332.5106, 353.3969

 29.9152, 25.0646,
25.7643


 78.6535, 70.2888,
73.4795

 19.9220, 16.1252,
16.4232


 102.3703, 92.7801,
97.3437

 12.4463, 9.6128,
9.6666


130.4315,
119.6205, 125.8849

 7.1227, 5.1430,
5.0757

163.2022,
151.1942, 159.5219

 3.5860, 2.3314,
2.2323

201.0480,
187.8857, 198.6730

 1.4707, 0.7903,
0.6929

244.3341,

 0.3058, 0.0000,

230.0793, 243.7568

0.0000

293.4260,
278.1595, 295.1919

■ 0.0000, 0.0000,
0.0000

■ 42.7913, 36.8154,
38.1084

■ 42.7913, 36.8154,
38.1084

■ 38.5057, 30.3866,
30.0743

■ 47.8523, 44.4926,
47.3320

■ 34.9535, 25.1350,
23.1784

■ 53.7217, 53.4741,
57.7889

■ 32.0935, 20.9904,
17.3689

■ 60.4343, 63.8188,
69.5235

■ 29.8791, 17.8725,
12.5891

■ 68.0220, 75.5801,
82.5772

■ 28.2575, 15.6904,
8.7769

■ 76.5148, 88.8091,
96.9897

■ 27.1672, 14.3372,
5.8629

■ 79.8225, 92.1500,
108.1874

■ 26.5096, 13.6332,
3.7597

■ 26.4731, 13.5942,
3.6429

Harmonies

Analogous

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



42.0810, 36.8154, 49.4152



42.7913, 36.8154, 38.1084



41.2920, 36.8154, 29.1061

Triad

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



42.7913, 36.8154, 38.1084



30.9123, 36.8154, 25.3338



32.0455, 36.8154, 62.3364

Complementary

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



42.7913, 36.8154, 38.1084



44.4404, 55.2558, 59.9557

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.



29.3677, 36.8154, 53.5284



42.7913, 36.8154, 38.1084



28.7474, 36.8154, 32.0112

Square

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



42.7913, 36.8154, 38.1084



34.2945, 36.8154, 22.6373



28.2030, 36.8154, 42.1303



35.6987, 36.8154, 64.7685

Rectangle

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



42.7913, 36.8154, 38.1084



39.3009, 36.8154, 25.1775



28.2030, 36.8154, 42.1303



31.0101, 36.8154, 59.9539

Sweetspot

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



42.7923, 36.8171, 38.1091



85.3879, 85.1123, 92.0025



44.2699, 36.9966, 64.4826



17.9647, 17.7388, 19.1417



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.



42.7923, 36.8171, 38.1091



63.5631, 51.9345, 52.4436



44.6063, 42.1705, 33.3946



11.9103, 11.8489, 12.8037



16.5287, 8.4843, 2.4242



0.9541, 0.4864, 0.2932

Inverse Universe

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



42.7923, 36.8171, 38.1091



63.5631, 51.9345, 52.4436



41.9882, 47.8965, 66.7067



11.9103, 11.8489, 12.8037



16.5287, 8.4843, 2.4242



0.9541, 0.4864, 0.2932

Previews

White Background



This preview shows how the XYZ color 42.7913, 36.8154, 38.1084 looks on a white background.

Color Contrast Check

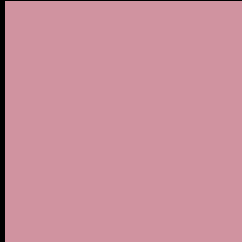
Large Text (above 18pt) WCAG AA × Fail

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 42.7913, 36.8154, 38.1084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

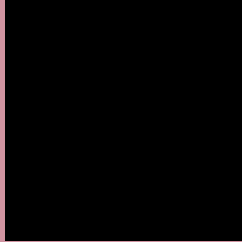
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7913, 36.8154, 38.1084

Background



This preview shows how black text looks on a background with the XYZ color 42.7913, 36.8154, 38.1084.



This preview shows how white text looks on a background with the XYZ color 42.7913, 36.8154,

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

42.7913, 36.8154, 38.1084

Protanopia

35.7757, 37.0583, 42.8035

Deuteranopia

37.6898, 36.8674, 37.4774



Tritanopia

42.7042, 36.7805, 37.6495

Trichromacy



Original Color

42.7913, 36.8154, 38.1084

Protanomaly

37.9960, 36.6909, 41.1558

Deuteranomaly

39.2995, 36.6908, 37.8116

Tritanomaly

42.7042, 36.7805, 37.6495

Monochromacy



Original Color

42.7913, 36.8154, 38.1084

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.5630, 37.7670, 40.3792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7913, 36.8154, 38.1084 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(208, 147, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 147, 160)  
}
```

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(208, 147, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 147, 160) }
```

Border

The CSS property to change the border of an element to XYZ 42.7913, 36.8154, 38.1084 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(208, 147, 160) }
```


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

```
.border{ border-color:rgb(208, 147, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 147, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 147, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 147, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 147,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7913, 36.8154, 38.1084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 147, 160) }
```

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

```
.background{ background-color: rgb(208,  
147, 160) }
```

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