

Converting Colors

XYZ(39.4286, 37.6289, 36.7952)

Have a look what the booklet for
XYZ(39.4286, 37.6289, 36.7952)
contains.

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Color

**XYZ(39.2929, 37.4614,
36.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9D9C
RGB	190, 157, 156
RGB Percent	75%, 62%, 61%
CMY	0.2549, 0.3843, 0.3882
CMYK	0.00, 0.17, 0.18, 0.25
HSL	2°, 21%, 68%
HSV	2°, 18%, 75%
XYZ	39.2929, 37.4614, 36.6123
YIQ	166.7530, 19.9890, 6.6850

Conversions

Conversions Part 2

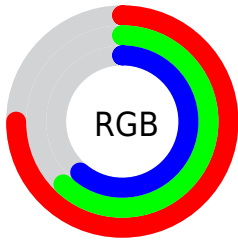
Format	Color
R _Y B	190, 157, 156
Decimal	12492188
CIE Lab	67.62, 12.03, 5.10
CIE LCh	68, 13.071, 22.964
Yxy	37.4614, 0.3466, 0.3304
Android (android.graphics.Color)	4290682268 (0xFFBE9D9C)
YUV	166.7530, -5.3012, 20.3876
Hunter-Lab	61.2057, 7.4836, 7.3777

Details

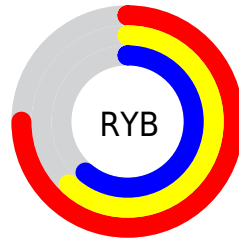
The XYZ color **39.2929, 37.4614, 36.6123** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2017, 47.1796, 55.6504**, and the grayscale version is **36.6294, 38.5370, 41.9668**.

A 20% lighter version of the original color is **73.5341, 71.5143, 70.9007**, and **17.8572, 16.5622, 15.6203** is the 20% darker color. If you saturate the color by 10%, you get **34.9206, 31.0931, 27.8284**, and if you desaturate by 10%, it is **44.3898, 44.8754, 46.8803**.

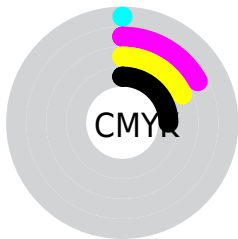
Distribution



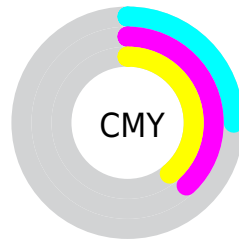
- Red (75%)
- Green (62%)
- Blue (61%)



- Red (75%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (25%)





- Cyan (25%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2929, 37.4614, 36.6123 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 39.2929, 37.4614, 36.6123 by changing the saturation by 10% instead.


 39.2929, 37.4614,
36.6123


 39.2929, 37.4614,
36.6123


334.3199,
335.3038, 346.7469

 27.1694, 25.5649,
24.6140


 73.3768, 71.2819,
71.1557

 17.8377, 16.4985,
15.5733


 96.0679, 93.9746,
94.5380

 10.9325, 9.8776,
9.0717


123.0122,
121.0350, 122.5520

 6.0884, 5.3178,
4.6905

154.5751,
152.8473, 155.6163

 2.9401, 2.4349,
2.0113

191.1220,
189.7959, 194.1493

 1.1222, 0.8438,
0.5622

233.0182,

 0.0435, 0.0000,

232.2653, 238.5698

0.0000

280.6291,
280.6398, 289.2962

■ 0.0000, 0.0000,
0.0000

■ 39.2929, 37.4614,
36.6123

■ 39.2929, 37.4614,
36.6123

■ 34.9206, 31.0931,
27.8284

■ 44.3898, 44.8754,
46.8803

■ 31.2371, 25.7186,
20.4577

■ 50.2388, 53.3739,
58.6940

■ 28.2082, 21.2894,
14.4272

■ 56.8698, 62.9996,
72.1144

■ 25.7956, 17.7509,
9.6563

■ 64.3102, 73.7919,
87.1987

■ 23.9570, 15.0428,
6.0559

■ 72.5859, 85.7878,
104.0009

■ 22.6447, 13.0974,
3.5251

■ 75.0453, 89.6872,
107.9638

■ 21.8036, 11.8363,
1.9461

■ 21.3602, 11.1620,
1.1436

■ 21.2962, 11.0690,
1.0141

Harmonies

Analogous

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



39.5903, 37.4614, 42.1632



39.2929, 37.4614, 36.6123



37.9904, 37.4614, 32.5591

Triad

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



39.2929, 37.4614, 36.6123



32.6025, 37.4614, 34.4655



35.1335, 37.4614, 52.8193

Complementary

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



39.2929, 37.4614, 36.6123



41.2017, 47.1796, 55.6504

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.



33.3234, 37.4614, 50.3008



39.2929, 37.4614, 36.6123



31.8983, 37.4614, 39.4452

Square

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



39.2929, 37.4614, 36.6123



34.1160, 37.4614, 31.4036



32.1571, 37.4614, 45.2721



37.1387, 37.4614, 51.8798

Rectangle

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



39.2929, 37.4614, 36.6123



36.7529, 37.4614, 31.0752



32.1571, 37.4614, 45.2721



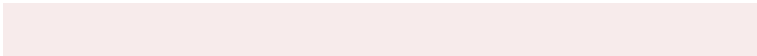
34.4831, 37.4614, 52.3417

Sweetspot

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



39.2939, 37.4631, 36.6131



83.2821, 85.4509, 90.6882



42.3564, 38.4175, 53.5742



18.1279, 18.5315, 19.5911



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2939, 37.4631, 36.6131



68.3303, 63.7016, 60.5653



42.2888, 43.4528, 37.6114



9.5521, 9.5803, 9.9224



14.1709, 7.3806, 0.6777



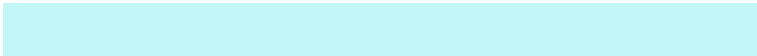
0.5629, 0.3047, 0.0292

Inverse Universe

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



41.2017, 47.1796, 55.6504



72.3535, 84.1934, 100.7167



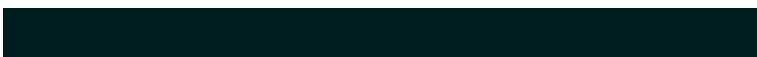
37.8401, 40.4563, 54.5299



9.7838, 10.7599, 12.2334



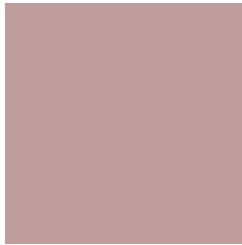
17.6424, 25.3966, 36.3651



0.6987, 1.0101, 1.4270

Previews

White Background



This preview shows how the XYZ color 39.2929, 37.4614, 36.6123 looks on a white background.

Color Contrast Check

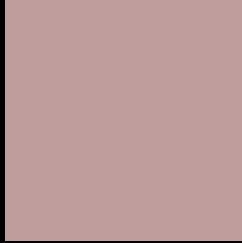
Large Text (above 18pt) WCAG AA × Fail

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 39.2929, 37.4614, 36.6123 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 39.2929, 37.4614, 36.6123

Background



This preview shows how black text looks on a background with the XYZ color 39.2929, 37.4614, 36.6123.



This preview shows how white text looks on a background with the XYZ color 39.2929, 37.4614,

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

39.2929, 37.4614, 36.6123

Protanopia

35.9828, 37.5240, 38.6041

Deuteranopia

38.1661, 37.3869, 36.6573



Tritanopia

40.1823, 37.3091, 41.6428

Trichromacy



Original Color

39.2929, 37.4614, 36.6123

Protanomaly

37.1343, 37.3401, 38.0510

Deuteranomaly

38.4773, 37.2931, 36.6228

Tritanomaly

39.9852, 37.4976, 39.7807

Monochromacy



Original Color

39.2929, 37.4614, 36.6123

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3872, 37.9527, 40.0054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2929, 37.4614, 36.6123 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(190, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 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(190, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.2929, 37.4614, 36.6123 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(190, 157, 156) }
```


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

```
.border{ border-color:rgb(190, 157, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2929, 37.4614, 36.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 156) }
```

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

```
.background{ background-color: rgb(190,  
157, 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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