

Converting Colors

XYZ(37.0320, 32.3857, 40.1307)

Have a look what the booklet for
XYZ(37.0320, 32.3857, 40.1307)
contains.

XYZ(37.0554, 32.4577, 39.9092)	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(37.0554, 32.4577,
39.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8DA5
RGB	188, 141, 165
RGB Percent	74%, 55%, 65%
CMY	0.2627, 0.4470, 0.3529
CMYK	0.00, 0.25, 0.12, 0.26
HSL	329°, 26%, 65%
HSV	329°, 25%, 74%
XYZ	37.0554, 32.4577, 39.9092
YIQ	157.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

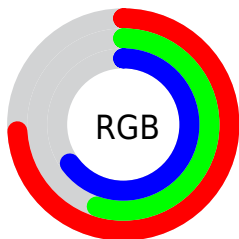
Format	Color
RYB	188, 141, 165
Decimal	12357029
CIELab	63.72, 21.65, -5.68
CIELCh	64, 22.381, 345.287
Yxy	32.4577, 0.3386, 0.2966
Android (android.graphics.Color)	4290547109 (0xFFBC8DA5)
YUV	157.7890, 3.5550, 26.4950
Hunter-Lab	56.9717, 16.3992, -1.6531

Details

The XYZ color **37.0554, 32.4577, 39.9092** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6698, 44.3103, 41.7967**, and the grayscale version is **32.3825, 34.0689, 37.1011**.

A 20% lighter version of the original color is **70.0896, 63.6100, 76.2940**, and **16.4683, 13.5729, 17.3746** is the 20% darker color. If you saturate the color by 10%, you get **33.7077, 27.0543, 34.8092**, and if you desaturate by 10%, it is **40.9358, 38.8292, 45.4847**.

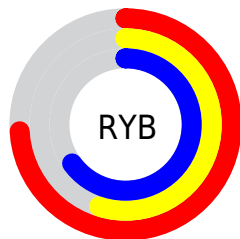
Distribution



Red (74%)

Green (55%)

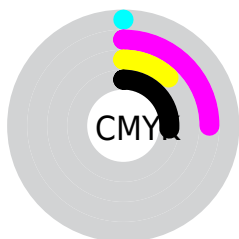
Blue (65%)



Red (74%)

Yellow (55%)

Blue (65%)

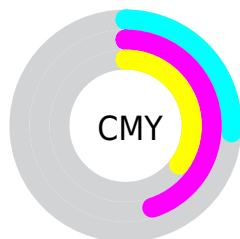


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0554, 32.4577, 39.9092 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 37.0554, 32.4577, 39.9092 by changing the saturation by 10% instead.


 37.0554, 32.4577,
39.9092


 37.0554, 32.4577,
39.9092

324.9017,
313.1990, 361.2814


 25.4243, 21.7113,
27.1545

 69.9713, 63.5279,
76.2608

 16.5238, 13.6449,
17.4558


 91.9867, 84.6206,
100.6948

 9.9888, 7.8741,
10.3946


 118.1943,
109.9308, 129.8590

 5.4537, 4.0145,
5.5524

148.9593,
139.8430, 164.1719

 2.5533, 1.6817,
2.5105

184.6473,
174.7415, 204.0520

 0.9222, 0.4118,
0.8457

225.6234,

 0.0000, 0.0000,

215.0107, 249.9180

0.0000

272.2531,
261.0351, 302.1882

■ 37.0554, 32.4577,
39.9092

■ 37.0554, 32.4577,
39.9092

■ 33.7077, 27.0543,
34.8092

■ 40.9358, 38.8292,
45.4847

■ 30.8648, 22.5666,
30.1683

■ 45.3693, 46.2090,
51.5476

■ 28.5006, 18.9439,
25.9715

■ 50.3789, 54.6405,
58.1116

■ 26.5853, 16.1288,
22.2025

■ 55.9850, 64.1631,
65.1893

■ 25.0855, 14.0567,
18.8430

■ 62.2073, 74.8142,
72.7928

■ 23.9627, 12.6530,
15.8732

■ 69.0646, 86.6295,
80.9337

■ 23.1705, 11.8273,
13.2700

■ 70.6988, 87.8913,
87.6646

■ 22.8502, 11.5359,
12.0871

■ 72.0211, 88.4202,
94.6277

■ 73.4126, 88.9768,
101.9551

Harmonies

Analogous

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



35.3352, 32.4577, 48.9313



37.0554, 32.4577, 39.9092



37.0377, 32.4577, 30.9818

Triad

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



37.0554, 32.4577, 39.9092



29.2879, 32.4577, 21.1668



26.8005, 32.4577, 49.0836

Complementary

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



37.0554, 32.4577, 39.9092



35.6698, 44.3103, 41.7967

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.



25.3931, 32.4577, 40.0909



37.0554, 32.4577, 39.9092



26.7615, 32.4577, 24.5333

Square

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



37.0554, 32.4577, 39.9092



32.4065, 32.4577, 21.1350



25.3793, 32.4577, 31.1353



29.3443, 32.4577, 54.8063

Rectangle

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



37.0554, 32.4577, 39.9092



36.0367, 32.4577, 26.2767



25.3793, 32.4577, 31.1353



26.1866, 32.4577, 46.2812

Sweetspot

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



37.0563, 32.4592, 39.9099



80.4380, 80.7588, 91.0208



33.8547, 30.5446, 51.6887



17.1910, 17.1885, 19.4293



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.0563, 32.4592, 39.9099



63.7086, 53.2350, 67.1475



35.1313, 31.6891, 29.7727



9.7280, 9.6155, 10.9565



15.5952, 7.8692, 8.4278



0.6438, 0.3214, 0.5037

Inverse Universe

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



37.0563, 32.4592, 39.9099



63.7086, 53.2350, 67.1475



37.9616, 45.2270, 53.8647



9.7280, 9.6155, 10.9565



15.5952, 7.8692, 8.4278



0.6438, 0.3214, 0.5037

Previews

White Background



This preview shows how the XYZ color 37.0554, 32.4577, 39.9092 looks on a white background.

Color Contrast Check

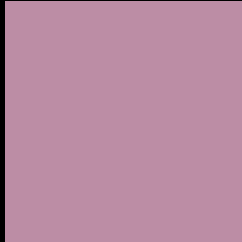
Large Text (above 18pt) WCAG AA × Fail

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 37.0554, 32.4577, 39.9092 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 37.0554, 32.4577, 39.9092

Background



This preview shows how black text looks on a background with the XYZ color 37.0554, 32.4577, 39.9092.



This preview shows how white text looks on a background with the XYZ color 37.0554, 32.4577,

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

37.0554, 32.4577, 39.9092

Protanopia

32.0473, 32.8037, 44.1778

Deuteranopia

33.2431, 32.5640, 39.1837



Tritanopia

36.1487, 32.5428, 34.9480

Trichromacy



Original Color

37.0554, 32.4577, 39.9092

Protanomaly

33.5202, 32.3965, 42.5167

Deuteranomaly

34.5901, 32.5464, 39.5810

Tritanomaly

36.3381, 32.3794, 36.6824

Monochromacy



Original Color

37.0554, 32.4577, 39.9092

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.0234, 33.4647, 38.3843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0554, 32.4577, 39.9092 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(188, 141, 165)` looks like.

```
.text, #text, p{  
    color:rgb(188, 141, 165)  
}
```

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(188, 141, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 141, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.0554, 32.4577, 39.9092 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(188, 141, 165) }
```


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

```
.border{ border-color:rgb(188, 141, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 141, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 141, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 141, 165);  
box-shadow:4px 4px 4px 4px rgb(188, 141,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0554, 32.4577, 39.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 141, 165) }
```

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

```
.background{ background-color: rgb(188,  
141, 165) }
```

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