

Converting Colors

XYZ(35.3841, 32.7430, 38.8274)

Have a look what the booklet for
XYZ(35.3841, 32.7430, 38.8274)
contains.

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Color

**XYZ(35.3909, 32.7501,
38.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	B392A2
RGB	179, 146, 162
RGB Percent	70%, 57%, 64%
CMY	0.2980, 0.4274, 0.3647
CMYK	0.00, 0.18, 0.09, 0.30
HSL	331°, 18%, 64%
HSV	331°, 18%, 70%
XYZ	35.3909, 32.7501, 38.6385
YIQ	157.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

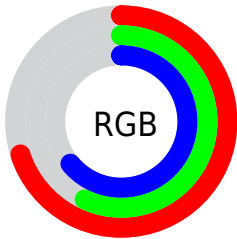
Format	Color
RYB	179, 146, 162
Decimal	11768482
CIELab	63.96, 15.06, -3.74
CIElCh	64, 15.521, 346.068
Yxy	32.7501, 0.3314, 0.3067
Android (android.graphics.Color)	4289958562 (0xFFB392A2)
YUV	157.6910, 2.1243, 18.6880
Hunter-Lab	57.2277, 10.2399, 0.0285

Details

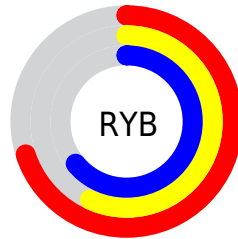
The XYZ color **35.3909, 32.7501, 38.6385** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5863, 40.9965, 40.7425**, and the grayscale version is **32.3463, 34.0309, 37.0596**.

A 20% lighter version of the original color is **67.4396, 63.9805, 74.4407**, and **15.5109, 13.7458, 16.5875** is the 20% darker color. If you saturate the color by 10%, you get **32.0549, 27.3419, 33.6293**, and if you desaturate by 10%, it is **39.2210, 39.0493, 44.1098**.

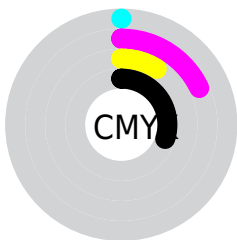
Distribution



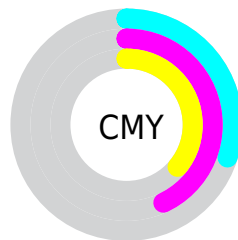
- Red (70%)
- Green (57%)
- Blue (64%)



- Red (70%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (30%)





- Cyan (30%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3909, 32.7501, 38.6385 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 35.3909, 32.7501, 38.6385 by changing the saturation by 10% instead.


 35.3909, 32.7501,
38.6385


 35.3909, 32.7501,
38.6385

317.7683,
314.5222, 355.7311

 24.1321, 21.9351,
26.1730


 67.4209, 63.9852,
74.3000

 15.5569, 13.8092,
16.7261

 88.9228, 85.1740,
98.3330

 9.3000, 7.9881,
9.8795


114.5698,
110.5896, 127.0589

 4.9960, 4.0873,
5.2146

144.7272,
140.6163, 160.8963

 2.2797, 1.7225,
2.3128

179.7604,
175.6385, 200.2637

 0.7842, 0.4382,
0.7384

220.0348,

 0.0000, 0.0000,

216.0406, 245.5796

0.0000

265.9156,
262.2070, 297.2625

■ 35.3909, 32.7501,
38.6385

■ 35.3909, 32.7501,
38.6385

■ 32.0549, 27.3419,
33.6293

■ 39.2210, 39.0493,
44.1098

■ 29.1888, 22.7798,
29.0667

■ 43.5622, 46.2731,
50.0539

■ 26.7706, 19.0215,
24.9373

■ 48.4345, 54.4588,
56.4837

■ 24.7753, 16.0190,
21.2258

■ 53.8556, 63.6402,
63.4110

■ 23.1753, 13.7196,
17.9162

■ 59.8426, 73.8495,
70.8470

■ 21.9396, 12.0635,
14.9906

■ 66.4117, 85.1174,
78.8027

■ 21.0319, 10.9807,
12.4295

■ 68.1546, 86.6254,
85.4806

■ 20.3918, 10.3530,
10.2047

■ 69.4588, 87.1471,
92.3484

■ 20.3019, 10.2683,
9.8816

■ 70.8322, 87.6964,
99.5805

Harmonies

Analogous

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



34.2560, 32.7501, 44.6855



35.3909, 32.7501, 38.6385



35.3467, 32.7501, 32.4284

Triad

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



35.3909, 32.7501, 38.6385



29.9784, 32.7501, 25.2923



28.3004, 32.7501, 45.0557

Complementary

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



35.3909, 32.7501, 38.6385



34.5863, 40.9965, 40.7425

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.



27.2591, 32.7501, 39.0980



35.3909, 32.7501, 38.6385



28.1964, 32.7501, 27.9386

Square

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



35.3909, 32.7501, 38.6385



32.1516, 32.7501, 25.2000



27.2219, 32.7501, 32.8373



30.1264, 32.7501, 48.6735

Rectangle

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



35.3909, 32.7501, 38.6385



34.6527, 32.7501, 29.0277



27.2219, 32.7501, 32.8373



27.8508, 32.7501, 43.2310

Sweetspot

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



35.3918, 32.7516, 38.6392



71.9731, 72.8024, 81.4050



33.4189, 31.5479, 46.9763



15.8392, 15.9528, 17.8877



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.3918, 32.7516, 38.6392



60.9286, 54.6555, 65.5707



34.0588, 32.2183, 31.6195



8.6623, 8.5716, 9.7199



14.3788, 7.2691, 7.1546



0.4819, 0.2405, 0.3806

Inverse Universe

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



35.3918, 32.7516, 38.6392



60.9286, 54.6555, 65.5707



36.1119, 41.6067, 48.7760



8.6623, 8.5716, 9.7199



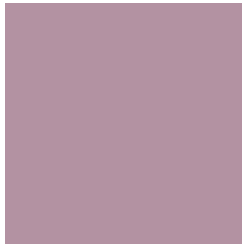
14.3788, 7.2691, 7.1546



0.4819, 0.2405, 0.3806

Previews

White Background



This preview shows how the XYZ color 35.3909, 32.7501, 38.6385 looks on a white background.

Color Contrast Check

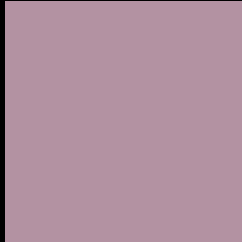
Large Text (above 18pt) WCAG AA × Fail

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 35.3909, 32.7501, 38.6385 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 35.3909, 32.7501, 38.6385

Background



This preview shows how black text looks on a background with the XYZ color 35.3909, 32.7501, 38.6385.



This preview shows how white text looks on a background with the XYZ color 35.3909, 32.7501,

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

35.3909, 32.7501, 38.6385

Protanopia

31.8571, 32.7712, 41.2057

Deuteranopia

33.2757, 32.6014, 38.2571



Tritanopia

34.9654, 32.8010, 36.8361

Trichromacy



Original Color

35.3909, 32.7501, 38.6385

Protanomaly

32.9624, 32.6364, 40.1595

Deuteranomaly

33.9751, 32.7260, 38.2443

Tritanomaly

35.0518, 32.8356, 37.2914

Monochromacy



Original Color

35.3909, 32.7501, 38.6385

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.5395, 33.7214, 37.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3909, 32.7501, 38.6385 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(179, 146, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 162)  
}
```

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(179, 146, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.3909, 32.7501, 38.6385 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(179, 146, 162) }
```


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

```
.border{ border-color:rgb(179, 146, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 146, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3909, 32.7501, 38.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 162) }
```

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

```
.background{ background-color: rgb(179,  
146, 162) }
```

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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