

Converting Colors

XYZ(35.5383, 32.8041, 41.4114)

Have a look what the booklet for
XYZ(35.5383, 32.8041, 41.4114)
contains.

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Color

**XYZ(35.4782, 32.7320,
41.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	B192A8
RGB	177, 146, 168
RGB Percent	69%, 57%, 66%
CMY	0.3059, 0.4274, 0.3412
CMYK	0.00, 0.18, 0.05, 0.31
HSL	317°, 17%, 63%
HSV	317°, 18%, 69%
XYZ	35.4782, 32.7320, 41.4938
YIQ	157.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

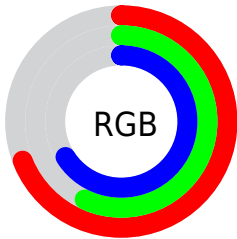
Format	Color
RYB	177, 146, 168
Decimal	11637416
CIELab	63.94, 15.42, -7.17
CIELCh	64, 17.008, 335.075
Yxy	32.7320, 0.3234, 0.2984
Android (android.graphics.Color)	4289827496 (0xFFB192A8)
YUV	157.7770, 5.0399, 16.8586
Hunter-Lab	57.2119, 10.5705, -2.9527

Details

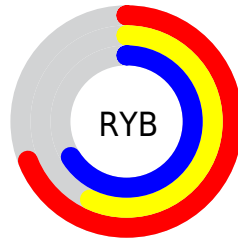
The XYZ color **35.4782, 32.7320, 41.4938** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4938, 39.9227, 36.9527**, and the grayscale version is **32.3734, 34.0594, 37.0906**.

A 20% lighter version of the original color is **67.5778, 63.9599, 78.5958**, and **15.5568, 13.7305, 18.3533** is the 20% darker color. If you saturate the color by 10%, you get **32.4890, 27.5044, 38.1819**, and if you desaturate by 10%, it is **38.9107, 38.8149, 45.0475**.

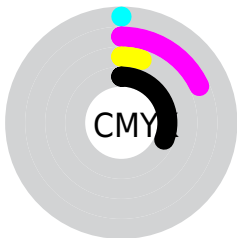
Distribution



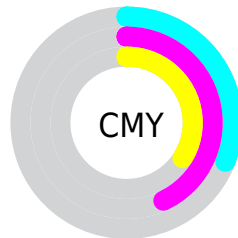
- Red (69%)
- Green (57%)
- Blue (66%)



- Red (69%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (31%)





- Cyan (31%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4782, 32.7320, 41.4938 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 35.4782, 32.7320, 41.4938 by changing the saturation by 10% instead.


 35.4782, 32.7320,
41.4938


 35.4782, 32.7320,
41.4938


318.1452,
314.4404, 368.1178

 24.1997, 21.9212,
28.3825


 67.5551, 63.9569,
78.6947

 15.6074, 13.7990,
18.3727


 89.0842, 85.1398,
103.6215

 9.3358, 7.9810,
11.0457


114.7608,
110.5488, 133.3238

 5.0197, 4.0828,
5.9830

144.9504,
140.5685, 168.2202

 2.2937, 1.7200,
2.7661

180.0183,
175.5830, 208.7293

 0.7914, 0.4365,
0.9765

220.3298,

 0.0000, 0.0000,

215.9769, 255.2695

0.0000

266.2504,
262.1346, 308.2595

■ 35.4782, 32.7320,
41.4938

■ 35.4782, 32.7320,
41.4938

■ 32.4890, 27.5044,
38.1819

■ 38.9107, 38.8149,
45.0475

■ 29.9207, 23.0889,
35.1023

■ 42.8018, 45.7852,
48.8483

■ 27.7530, 19.4452,
32.2474

■ 47.1700, 53.6785,
52.9034

■ 25.9630, 16.5276,
29.6086

■ 52.0315, 62.5271,
57.2195

■ 24.5252, 14.2857,
27.1762

■ 57.4019, 72.3620,
61.8026

■ 23.4111, 12.6625,
24.9395

■ 63.2962, 83.2125,
66.6588

■ 22.5872, 11.5917,
22.8862

■ 64.7878, 85.2257,
70.1469

■ 22.0029, 10.9722,
20.9983

■ 65.4145, 85.4764,
73.4470

■ 21.8724, 10.8435,
20.5467

■ 66.0617, 85.7352,
76.8553

Harmonies

Analogous

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



33.8338, 32.7320, 47.5641



35.4782, 32.7320, 41.4938



35.9287, 32.7320, 34.4852

Triad

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



35.4782, 32.7320, 41.4938



30.7051, 32.7320, 24.0471



27.4909, 32.7320, 43.7713

Complementary

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



35.4782, 32.7320, 41.4938



33.4938, 39.9227, 36.9527

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.



26.7440, 32.7320, 36.8194



35.4782, 32.7320, 41.4938



28.5379, 32.7320, 25.8959

Square

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



35.4782, 32.7320, 41.4938



33.0929, 32.7320, 24.9641



27.1174, 32.7320, 30.3636



29.2095, 32.7320, 48.9928

Rectangle

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



35.4782, 32.7320, 41.4938



35.4726, 32.7320, 30.3355



27.1174, 32.7320, 30.3636



27.1220, 32.7320, 41.5284

Sweetspot

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



35.4792, 32.7334, 41.4945



71.3013, 72.3964, 82.2885



31.6920, 30.6809, 45.8471



15.3524, 15.5112, 17.7342



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.4792, 32.7334, 41.4945



61.3898, 54.8447, 71.9823



34.1379, 32.1969, 34.4313



8.7428, 8.6038, 10.1438



15.8744, 7.8673, 15.0306



0.5233, 0.2571, 0.5984

Inverse Universe

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



35.4792, 32.7334, 41.4945



61.3898, 54.8447, 71.9823



34.8598, 40.4691, 44.1457



8.7428, 8.6038, 10.1438



15.8744, 7.8673, 15.0306



0.5233, 0.2571, 0.5984

Previews

White Background



This preview shows how the XYZ color 35.4782, 32.7320, 41.4938 looks on a white background.

Color Contrast Check

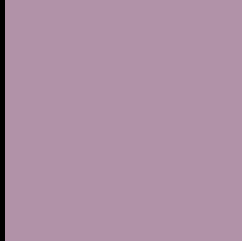
Large Text (above 18pt) WCAG AA × Fail

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 35.4782, 32.7320, 41.4938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

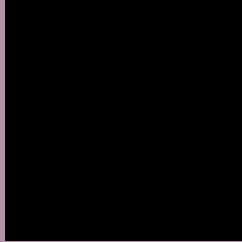
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4782, 32.7320, 41.4938

Background



This preview shows how black text looks on a background with the XYZ color 35.4782, 32.7320, 41.4938.



This preview shows how white text looks on a background with the XYZ color 35.4782, 32.7320,

41.4938.

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

35.4782, 32.7320, 41.4938

Protanopia

32.2353, 32.9006, 44.1866

Deuteranopia

33.5587, 32.9226, 41.1452



Tritanopia

34.7524, 32.9131, 37.3221

Trichromacy



Original Color

35.4782, 32.7320, 41.4938

Protanomaly

33.3176, 32.7549, 43.0944

Deuteranomaly

34.0847, 32.7199, 41.0783

Tritanomaly

34.8598, 32.7062, 38.6580

Monochromacy



Original Color

35.4782, 32.7320, 41.4938

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.5942, 33.7192, 38.9203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4782, 32.7320, 41.4938 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(177, 146, 168)` looks like.

```
.text, #text, p{  
    color:rgb(177, 146, 168)  
}
```

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(177, 146, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 146, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.4782, 32.7320, 41.4938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

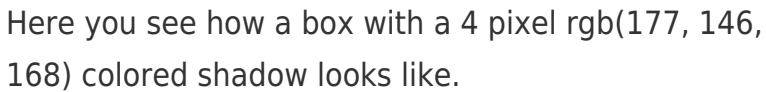
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 146, 168) }
```


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

```
.border{ border-color:rgb(177, 146, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 146, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 146, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 146, 168);  
box-shadow:4px 4px 4px 4px rgb(177, 146,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4782, 32.7320, 41.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 146, 168) }
```

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

```
.background{ background-color: rgb(177,  
146, 168) }
```

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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