

Converting Colors

XYZ(39.4844, 34.4057, 38.8987)

Have a look what the booklet for
XYZ(39.4844, 34.4057, 38.8987)
contains.

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Color

**XYZ(39.5208, 34.4255,
38.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	C590A2
RGB	197, 144, 162
RGB Percent	77%, 56%, 64%
CMY	0.2274, 0.4353, 0.3647
CMYK	0.00, 0.27, 0.18, 0.23
HSL	340°, 31%, 67%
HSV	340°, 27%, 77%
XYZ	39.5208, 34.4255, 38.7442
YIQ	161.8990, 25.8100, 16.8340

Conversions

Conversions Part 2

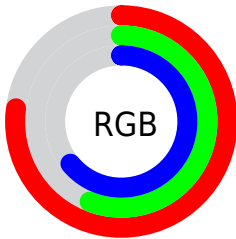
Format	Color
R_{YB}	197, 144, 162
Decimal	12947618
CIE _{Lab}	65.30, 22.77, -1.55
CIE _{LCh}	65, 22.819, 356.095
Yxy	34.4255, 0.3507, 0.3055
Android (android.graphics.Color)	4291137698 (0xFFC590A2)
YUV	161.8990, 0.0498, 30.7836
Hunter-Lab	58.6732, 17.5549, 1.9198

Details

The XYZ color **39.5208, 34.4255, 38.7442** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6060, 49.1173, 50.0434**, and the grayscale version is **34.2875, 36.0732, 39.2837**.

A 20% lighter version of the original color is **73.5915, 66.4688, 74.5967**, and **17.8842, 14.7053, 16.6477** is the 20% darker color. If you saturate the color by 10%, you get **35.6961, 28.5319, 32.0556**, and if you desaturate by 10%, it is **43.9878, 41.4114, 46.2381**.

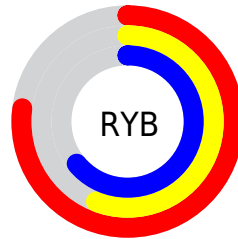
Distribution



Red (77%)

Green (56%)

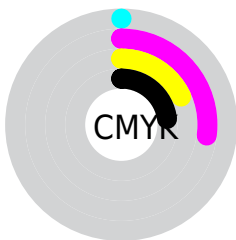
Blue (64%)



Red (77%)

Yellow (56%)

Blue (64%)

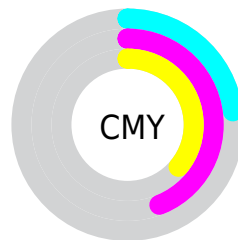


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5208, 34.4255, 38.7442 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 39.5208, 34.4255, 38.7442 by changing the saturation by 10% instead.


 39.5208, 34.4255,
38.7442


 39.5208, 34.4255,
38.7442

335.2688,
322.0252, 356.1952

 27.3477, 23.2207,
26.2545


 73.7222, 66.5948,
74.4634

 17.9724, 14.7565,
16.7867


 96.4813, 88.3281,
98.5300

 11.0298, 8.6487,
9.9221


123.4996,
114.3396, 127.2926

 6.1543, 4.5128,
5.2424

155.1426,
145.0138, 161.1698

 2.9807, 1.9643,
2.3290

191.7757,
180.7351, 200.5801

 1.1436, 0.5866,
0.7474

233.7642,

 0.0611, 0.0000,

221.8878, 245.9421

0.0000

281.4735,
268.8564, 297.6742

■ 0.0000, 0.0000,
0.0000

■ 39.5208, 34.4255,
38.7442

■ 39.5208, 34.4255,
38.7442

■ 35.6961, 28.5319,
32.0556

■ 43.9878, 41.4114,
46.2381

■ 32.4800, 23.6702,
26.1421

■ 49.1227, 49.5365,
54.5617

■ 29.8404, 19.7817,
20.9744

■ 54.9533, 58.8505,
63.7411

■ 27.7404, 16.7994,
16.5208

■ 61.5048, 69.3989,
73.8005

■ 26.1391, 14.6480,
12.7464

■ 68.8013, 81.2248,
84.7631

■ 24.9890, 13.2397,
9.6133

■ 74.5237, 89.6854,
95.8707

■ 24.2274, 12.4569,
7.0766

■ 76.5275, 90.4869,
106.4225

■ 24.0361, 12.2744,
6.3963

■ 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



38.3174, 34.4255, 48.6505



39.5208, 34.4255, 38.7442



38.8031, 34.4255, 29.9943

Triad

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



39.5208, 34.4255, 38.7442



29.9886, 34.4255, 23.3298



29.2828, 34.4255, 54.8221

Complementary

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



39.5208, 34.4255, 38.7442



39.6060, 49.1173, 50.0434

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.



27.3091, 34.4255, 46.1259



39.5208, 34.4255, 38.7442



27.6969, 34.4255, 28.1712

Square

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



39.5208, 34.4255, 38.7442



33.1577, 34.4255, 22.0256



26.7486, 34.4255, 36.2505



32.2870, 34.4255, 58.8740

Rectangle

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



39.5208, 34.4255, 38.7442



37.3562, 34.4255, 25.7807



26.7486, 34.4255, 36.2505



28.4849, 34.4255, 52.2803

Sweetspot

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



39.5218, 34.4271, 38.7449



86.7900, 86.8303, 95.8183



38.5161, 33.4978, 57.2593



18.2639, 18.0889, 20.0067



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.



39.5218, 34.4271, 38.7449



66.8159, 55.5230, 62.5212



39.2813, 36.3258, 31.3288



10.7800, 10.6954, 11.8248



15.8449, 8.0875, 4.3932



0.7842, 0.3965, 0.3870

Inverse Universe

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



39.5218, 34.4271, 38.7449



66.8159, 55.5230, 62.5212



39.7892, 46.3782, 59.6784



10.7800, 10.6954, 11.8248



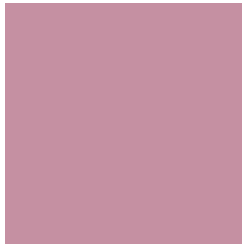
15.8449, 8.0875, 4.3932



0.7842, 0.3965, 0.3870

Previews

White Background



This preview shows how the XYZ color 39.5208, 34.4255, 38.7442 looks on a white background.

Color Contrast Check

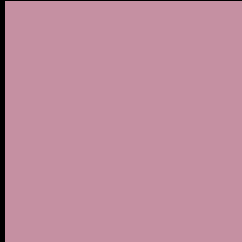
Large Text (above 18pt) WCAG AA × Fail

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 39.5208, 34.4255, 38.7442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

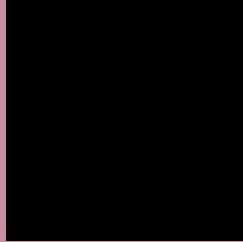
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5208, 34.4255, 38.7442

Background



This preview shows how black text looks on a background with the XYZ color 39.5208, 34.4255, 38.7442.



This preview shows how white text looks on a background with the XYZ color 39.5208, 34.4255,

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

39.5208, 34.4255, 38.7442

Protanopia

33.5831, 34.6251, 42.9435

Deuteranopia

35.1343, 34.5335, 38.0716



Tritanopia

38.8911, 34.3869, 36.0400

Trichromacy



Original Color

39.5208, 34.4255, 38.7442

Protanomaly

35.3795, 34.3431, 41.3234

Deuteranomaly

36.6308, 34.3310, 38.4141

Tritanomaly

39.0619, 34.4552, 36.9395

Monochromacy



Original Color

39.5208, 34.4255, 38.7442

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.9221, 35.1653, 39.0767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5208, 34.4255, 38.7442 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(197, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 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(197, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.5208, 34.4255, 38.7442 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(197, 144, 162) }
```


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

```
.border{ border-color:rgb(197, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(197, 144,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5208, 34.4255, 38.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 162) }
```

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

```
.background{ background-color: rgb(197,  
144, 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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