

Converting Colors

XYZ(38.9641, 35.5011, 29.2179)

Have a look what the booklet for
XYZ(38.9641, 35.5011, 29.2179)
contains.

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Color

**XYZ(38.9608, 35.5011,
29.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	C7958B
RGB	199, 149, 139
RGB Percent	78%, 58%, 55%
CMY	0.2196, 0.4157, 0.4549
CMYK	0.00, 0.25, 0.30, 0.22
HSL	10°, 35%, 66%
HSV	10°, 30%, 78%
XYZ	38.9608, 35.5011, 29.2250
YIQ	162.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

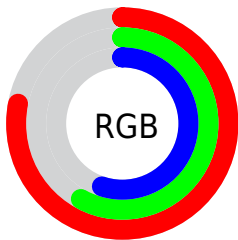
Format	Color
R_{YB}	199, 151, 139
Decimal	13079947
CIE Lab	66.14, 17.38, 12.60
CIE LCh	66, 21.471, 35.946
Yxy	35.5011, 0.3758, 0.3424
Android (android.graphics.Color)	4291270027 (0xFFC7958B)
YUV	162.8100, -11.7383, 31.7386
Hunter-Lab	59.5828, 12.4501, 12.6266

Details

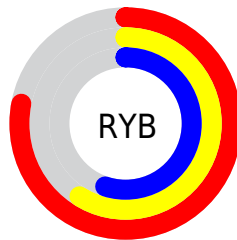
The XYZ color **38.9608, 35.5011, 29.2250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1532, 46.0060, 60.8493**, and the grayscale version is **34.7666, 36.5772, 39.8326**.

A 20% lighter version of the original color is **72.1104, 67.7776, 59.1509**, and **17.6725, 15.3859, 11.4895** is the 20% darker color. If you saturate the color by 10%, you get **35.1978, 30.0940, 21.4382**, and if you desaturate by 10%, it is **43.3639, 41.7644, 38.5317**.

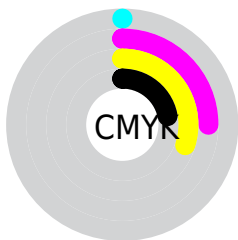
Distribution



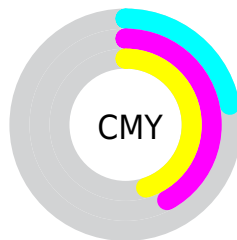
- Red (78%)
- Green (58%)
- Blue (55%)



- Red (78%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9608, 35.5011, 29.2250 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 38.9608, 35.5011, 29.2250 by changing the saturation by 10% instead.


 38.9608, 35.5011,
29.2250


 38.9608, 35.5011,
29.2250


332.9338,
326.7747, 312.3692


 26.9098, 24.0491,
19.0041


 72.8729, 68.2613,
59.4808

 17.6417, 15.3701,
11.4964


 95.4647, 90.3384,
80.3528

 10.7912, 9.0795,
6.2834


 122.3008,
116.7259, 105.6121

 5.9929, 4.7931,
2.9466

153.7467,
147.8083, 135.6775

 2.8814, 2.1264,
1.0674

190.1675,
183.9700, 170.9673

 1.0913, 0.6794,
0.0000

231.9288,

 0.0179, 0.0000,

225.5954, 211.9002

0.0000

279.3957,
273.0688, 258.8946

■ 0.0000, 0.0000,
0.0000

■ 38.9608, 35.5011,
29.2250

■ 38.9608, 35.5011,
29.2250

■ 35.1978, 30.0940,
21.4382

■ 43.3639, 41.7644,
38.5317

■ 32.0421, 25.5011,
15.0882

■ 48.4323, 48.9139,
49.4311

■ 29.4619, 21.6840,
10.0873

■ 54.1935, 56.9841,
61.9938

■ 27.4217, 18.5994,
6.3372

■ 60.6722, 66.0062,
76.2855

■ 25.8816, 16.1996,
3.7260

■ 67.8922, 76.0099,
92.3685

■ 24.7959, 14.4311,
2.1219

■ 75.3235, 86.8027,
107.3924

■ 24.1021, 13.2399,
1.2852

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



40.2246, 35.5011, 36.8618



38.9608, 35.5011, 29.2250



36.3074, 35.5011, 24.7197

Triad

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



38.9608, 35.5011, 29.2250



28.4415, 35.5011, 31.9220



34.3827, 35.5011, 58.9117

Complementary

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



38.9608, 35.5011, 29.2250



39.1532, 46.0060, 60.8493

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.



31.3018, 35.5011, 57.0353



38.9608, 35.5011, 29.2250



27.9976, 35.5011, 40.5047

Square

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



38.9608, 35.5011, 29.2250



30.2657, 35.5011, 26.0964



29.0127, 35.5011, 49.9215



37.4763, 35.5011, 54.7071

Rectangle

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



38.9608, 35.5011, 29.2250



34.1786, 35.5011, 23.6353



29.0127, 35.5011, 49.9215



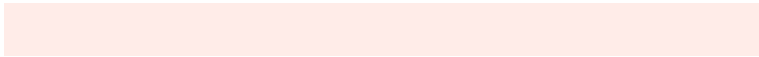
33.3106, 35.5011, 58.9787

Sweetspot

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



38.9617, 35.5028, 29.2257



85.7725, 87.0089, 88.6549



41.9713, 34.2818, 52.5491



18.0584, 18.2013, 18.3248



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.



38.9617, 35.5028, 29.2257



63.8902, 55.9543, 42.1772



44.3336, 46.2466, 31.0164



10.7744, 10.9180, 11.1023



15.5420, 8.6013, 0.8411



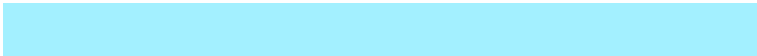
0.7817, 0.4989, 0.0551

Inverse Universe

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



39.1532, 46.0060, 60.8493



64.2651, 77.1675, 106.1154



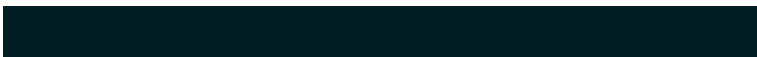
33.3547, 34.4091, 58.9165



10.7904, 11.7549, 13.6177



15.4313, 20.2565, 37.8409



0.7718, 1.0414, 1.8055

Previews

White Background



This preview shows how the XYZ color 38.9608, 35.5011, 29.2250 looks on a white background.

Color Contrast Check

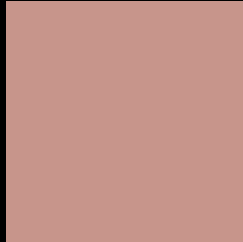
Large Text (above 18pt) WCAG AA × Fail

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 38.9608, 35.5011, 29.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

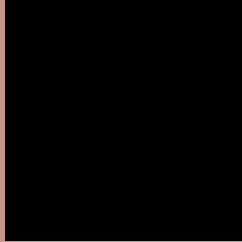
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9608, 35.5011, 29.2250

Background



This preview shows how black text looks on a background with the XYZ color 38.9608, 35.5011, 29.2250.



This preview shows how white text looks on a background with the XYZ color 38.9608, 35.5011,

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

38.9608, 35.5011, 29.2250

Protanopia

34.0042, 35.8589, 31.9173

Deuteranopia

36.3164, 35.5920, 29.0006



Tritanopia

40.4521, 35.4096, 36.6010

Trichromacy



Original Color

38.9608, 35.5011, 29.2250

Protanomaly

35.6053, 35.6808, 30.9971

Deuteranomaly

37.2139, 35.5646, 28.9480

Tritanomaly

39.7582, 35.3488, 33.5817

Monochromacy



Original Color

38.9608, 35.5011, 29.2250

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.9641, 36.0169, 35.6283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9608, 35.5011, 29.2250 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(199, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 149, 139)  
}
```

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(199, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 149, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.9608, 35.5011, 29.2250 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(199, 149, 139) }
```


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

```
.border{ border-color:rgb(199, 149, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 149, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 149, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 149,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9608, 35.5011, 29.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 149, 139) }
```

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

```
.background{ background-color: rgb(199,  
149, 139) }
```

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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