

Converting Colors

XYZ(38.2173, 35.1428, 28.0615)

Have a look what the booklet for
XYZ(38.2173, 35.1428, 28.0615)
contains.

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Color

**XYZ(38.2173, 35.1428,
28.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	C59588
RGB	197, 149, 136
RGB Percent	77%, 58%, 53%
CMY	0.2275, 0.4157, 0.4667
CMYK	0.00, 0.24, 0.31, 0.23
HSL	13°, 34%, 65%
HSV	13°, 31%, 77%
XYZ	38.2173, 35.1428, 28.0615
YIQ	161.8700, 32.7810, 6.1330

Conversions

Conversions Part 2

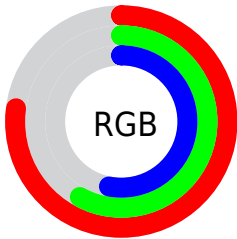
Format	Color
RYB	197, 153, 136
Decimal	12948872
CIELab	65.86, 16.20, 13.86
CIELCh	66, 21.321, 40.552
Yxy	35.1428, 0.3768, 0.3465
Android (android.graphics.Color)	4291138952 (0xFFC59588)
YUV	161.8700, -12.7539, 30.8090
Hunter-Lab	59.2814, 11.3324, 13.4314

Details

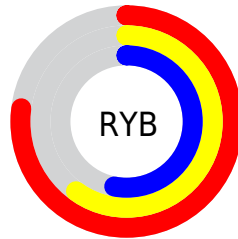
The XYZ color **38.2173, 35.1428, 28.0615** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3712, 43.5448, 59.2586**, and the grayscale version is **34.3296, 36.1175, 39.3319**.

A 20% lighter version of the original color is **71.7812, 67.6460, 57.4178**, and **17.2027, 15.1580, 10.8232** is the 20% darker color. If you saturate the color by 10%, you get **34.6527, 30.0519, 20.5892**, and if you desaturate by 10%, it is **42.3675, 40.9927, 36.9993**.

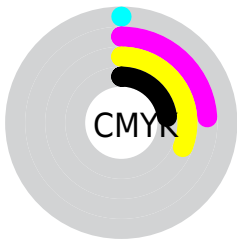
Distribution



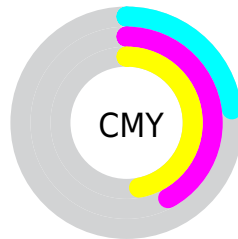
- Red (77%)
- Green (58%)
- Blue (53%)



- Red (77%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2173, 35.1428, 28.0615 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 38.2173, 35.1428, 28.0615 by changing the saturation by 10% instead.


 38.2173, 35.1428,
28.0615


 38.2173, 35.1428,
28.0615


329.8160,
325.1982, 306.6818


 26.3294, 23.7729,
18.1326


 71.7428, 67.7069,
57.6069

 17.2042, 15.1652,
10.8748


 94.1111, 89.6699,
78.0605

 10.4764, 8.9354,
5.8696


 120.7036,
115.9328, 102.8593

 5.7806, 4.6991,
2.6984

151.8856,
146.8798, 132.4220

 2.7515, 2.0718,
0.9426

188.0225,
182.8955, 167.1670

 1.0238, 0.6487,
0.0000

229.4796,

 0.0000, 0.0000,

224.3642, 207.5130

0.0000

276.6223,
271.6703, 253.8784

■ 38.2173, 35.1428,
28.0615

■ 38.2173, 35.1428,
28.0615

■ 34.6527, 30.0519,
20.5892

■ 42.3675, 40.9927,
36.9993

■ 31.6440, 25.6839,
14.5017

■ 47.1257, 47.6260,
47.4733

■ 29.1631, 22.0069,
9.7136

■ 52.5164, 55.0723,
59.5518

■ 27.1780, 18.9848,
6.1293

■ 58.5619, 63.3580,
73.2988

■ 25.6532, 16.5779,
3.6396

■ 65.2836, 72.5082,
88.7746

■ 24.5479, 14.7420,
2.1155

■ 72.7017, 82.5472,
106.0363

■ 23.8538, 13.5261,
1.3536

■ 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



39.7154, 35.1428, 35.1760



38.2173, 35.1428, 28.0615



35.4590, 35.1428, 24.1315

Triad

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



38.2173, 35.1428, 28.0615



28.0118, 35.1428, 32.7764



34.5233, 35.1428, 57.9693

Complementary

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



38.2173, 35.1428, 28.0615



37.3712, 43.5448, 59.2586

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.



31.4265, 35.1428, 57.0559



38.2173, 35.1428, 28.0615



27.7962, 35.1428, 41.5288

Square

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



38.2173, 35.1428, 28.0615



29.6182, 35.1428, 26.5430



29.0095, 35.1428, 50.6820



37.4954, 35.1428, 53.0107

Rectangle

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



38.2173, 35.1428, 28.0615



33.3439, 35.1428, 23.4118



29.0095, 35.1428, 50.6820



33.4605, 35.1428, 58.3559

Sweetspot

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



38.2182, 35.1444, 28.0622



86.0802, 87.6242, 88.7574



40.5661, 32.9733, 50.0148



18.1336, 18.3517, 18.3499



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.



38.2182, 35.1444, 28.0622



64.1181, 56.7727, 41.1355



43.5301, 45.7681, 29.8328



10.8141, 10.9974, 11.1155



15.7402, 8.9975, 0.9071



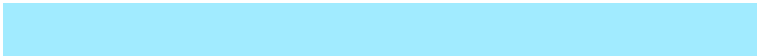
0.7997, 0.5349, 0.0611

Inverse Universe

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



37.3712, 43.5448, 59.2586



62.3532, 74.1121, 105.6265



31.8369, 32.4762, 57.4138



10.7474, 11.6689, 13.6034



14.4013, 18.1966, 37.4976



0.7312, 0.9603, 1.7920

Previews

White Background



This preview shows how the XYZ color 38.2173, 35.1428, 28.0615 looks on a white background.

Color Contrast Check

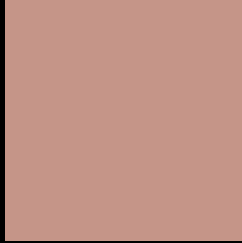
Large Text (above 18pt) WCAG AA × Fail

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 38.2173, 35.1428, 28.0615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

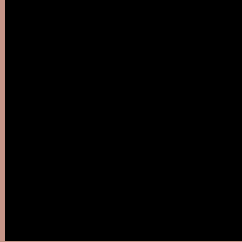
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2173, 35.1428, 28.0615

Background



This preview shows how black text looks on a background with the XYZ color 38.2173, 35.1428, 28.0615.



This preview shows how white text looks on a background with the XYZ color 38.2173, 35.1428,

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

38.2173, 35.1428, 28.0615

Protanopia

33.5270, 35.3895, 30.2631

Deuteranopia

35.9364, 35.1748, 27.8170



Tritanopia

39.9179, 35.1342, 36.5760

Trichromacy



Original Color

38.2173, 35.1428, 28.0615

Protanomaly

35.1391, 35.2247, 29.3731

Deuteranomaly

36.5877, 35.0246, 27.7537

Tritanomaly

39.1472, 35.0431, 33.1345

Monochromacy



Original Color

38.2173, 35.1428, 28.0615

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.4859, 35.5278, 35.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2173, 35.1428, 28.0615 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, 149, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 149, 136)  
}
```

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, 149, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 149, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.2173, 35.1428, 28.0615 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, 149, 136) }
```


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

```
.border{ border-color:rgb(197, 149, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 149, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 149, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 149, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 149,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2173, 35.1428, 28.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 149, 136) }
```

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

```
.background{ background-color: rgb(197,  
149, 136) }
```

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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