

Converting Colors

XYZ(39.7738, 33.0237, 28.6337)

Have a look what the booklet for
XYZ(39.7738, 33.0237, 28.6337)
contains.

XYZ(39.7589, 33.0277, 28.7056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.7589, 33.0277,
28.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	D1888B
RGB	209, 136, 139
RGB Percent	82%, 53%, 55%
CMY	0.1804, 0.4666, 0.4549
CMYK	0.00, 0.35, 0.33, 0.18
HSL	358°, 44%, 68%
HSV	358°, 35%, 82%
XYZ	39.7589, 33.0277, 28.7056
YIQ	158.1690, 42.5450, 16.4090

Conversions

Conversions Part 2

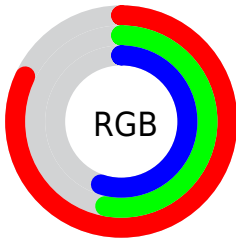
Format	Color
R _Y B	209, 136, 139
Decimal	13731979
CIE Lab	64.18, 28.32, 10.00
CIE LCh	64, 30.037, 19.455
Yxy	33.0277, 0.3917, 0.3254
Android (android.graphics.Color)	4291922059 (0xFFD1888B)
YUV	158.1690, -9.4503, 44.5788
Hunter-Lab	57.4697, 22.9184, 10.6140

Details

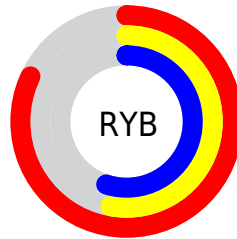
The XYZ color **39.7589, 33.0277, 28.7056** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0959, 55.2922, 66.7438**, and the grayscale version is **32.6049, 34.3029, 37.3558**.

A 20% lighter version of the original color is **69.1679, 61.8927, 58.1701**, and **18.1885, 13.9906, 11.1930** is the 20% darker color. If you saturate the color by 10%, you get **35.7646, 27.1718, 20.7995**, and if you desaturate by 10%, it is **44.5973, 40.1420, 38.2183**.

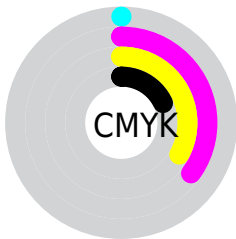
Distribution



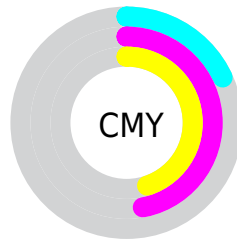
- Red (82%)
- Green (53%)
- Blue (55%)



- Red (82%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7589, 33.0277, 28.7056 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 39.7589, 33.0277, 28.7056 by changing the saturation by 10% instead.


 39.7589, 33.0277,
28.7056


 39.7589, 33.0277,
28.7056


336.2582,
315.7745, 309.8407

 27.5340, 22.1477,
18.6146


 74.0829, 64.4188,
58.6456

 18.1133, 13.9654,
11.2181


 96.9127, 85.6986,
79.3317

 11.1316, 8.0966,
6.0977


 124.0082,
111.2138, 104.3865

 6.2233, 4.1568,
2.8348

155.7347,
141.3488, 134.2286

 3.0233, 1.7617,
1.0109

192.4576,
176.4880, 169.2765

 1.1661, 0.4631,
0.0000

234.5423,

 0.0793, 0.0000,

217.0157, 209.9488

0.0000

282.3540,
263.3165, 256.6640

■ 0.0000, 0.0000,
0.0000

■ 39.7589, 33.0277,
28.7056

■ 39.7589, 33.0277,
28.7056

■ 35.7646, 27.1718,
20.7995

■ 44.5973, 40.1420,
38.2183

■ 32.5637, 22.4966,
14.4095

■ 50.3216, 48.5769,
49.4173

■ 30.1039, 18.9233,
9.4391

■ 56.9740, 58.3963,
62.3795

■ 28.3258, 16.3617,
5.7801

■ 64.5930, 69.6583,
77.1764

■ 27.1606, 14.7070,
3.3085

■ 73.2151, 82.4182,
93.8755

■ 26.5252, 13.8319,
1.8766

■ 80.1046, 92.2954,
108.2006

■ 26.3416, 13.5742,
1.4780

Harmonies

Analogous

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



40.1454, 33.0277, 40.4240



39.7589, 33.0277, 28.7056



37.0185, 33.0277, 20.9283

Triad

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



39.7589, 33.0277, 28.7056



25.5740, 33.0277, 22.7751



29.9177, 33.0277, 64.2790

Complementary

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



39.7589, 33.0277, 28.7056



44.0959, 55.2922, 66.7438

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.



26.3664, 33.0277, 56.8766



39.7589, 33.0277, 28.7056



24.0133, 33.0277, 31.8402

Square

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



39.7589, 33.0277, 28.7056



28.7439, 33.0277, 18.0783



24.2896, 33.0277, 44.3475



34.1976, 33.0277, 62.9007

Rectangle

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



39.7589, 33.0277, 28.7056



34.3527, 33.0277, 18.1749



24.2896, 33.0277, 44.3475



28.6062, 33.0277, 62.6797

Sweetspot

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



39.7598, 33.0293, 28.7062



83.7577, 83.3197, 86.9337



45.5872, 35.2423, 64.7215



17.6143, 17.3714, 17.9967



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.



39.7598, 33.0293, 28.7062



57.5060, 44.6851, 35.4270



44.8995, 43.6544, 29.3542



11.8281, 11.8160, 12.3707



16.2502, 8.3729, 0.9580



0.9157, 0.4710, 0.0907

Inverse Universe

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



39.7598, 33.0293, 28.7062



57.5060, 44.6851, 35.4270



37.2181, 40.9487, 66.2641



11.8281, 11.8160, 12.3707



16.2502, 8.3729, 0.9580



0.9157, 0.4710, 0.0907

Previews

White Background



This preview shows how the XYZ color 39.7589, 33.0277, 28.7056 looks on a white background.

Color Contrast Check

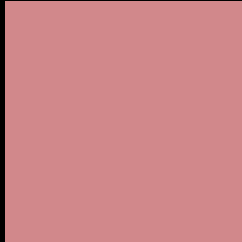
Large Text (above 18pt) WCAG AA × Fail

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 39.7589, 33.0277, 28.7056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

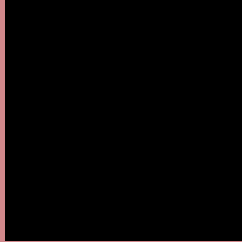
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7589, 33.0277, 28.7056

Background



This preview shows how black text looks on a background with the XYZ color 39.7589, 33.0277, 28.7056.



This preview shows how white text looks on a background with the XYZ color 39.7589, 33.0277,

28.7056.

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

39.7589, 33.0277, 28.7056

Protanopia

31.6434, 33.0862, 33.1523

Deuteranopia

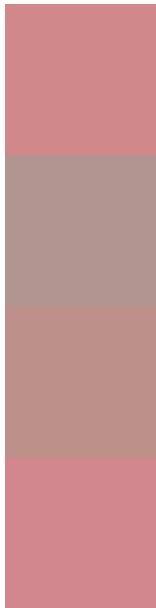
33.7104, 33.0552, 27.8961



Tritanopia

40.3531, 33.0739, 31.0451

Trichromacy



Original Color

39.7589, 33.0277, 28.7056

Protanomaly

34.0608, 32.6891, 31.3025

Deuteranomaly

35.6270, 32.8758, 28.1348

Tritanomaly

40.2002, 33.0128, 30.2399

Monochromacy



Original Color

39.7589, 33.0277, 28.7056

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.6237, 33.3942, 33.8990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7589, 33.0277, 28.7056 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(209, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(209, 136, 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(209, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 136, 139) }
```

Border

The CSS property to change the border of an element to XYZ 39.7589, 33.0277, 28.7056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

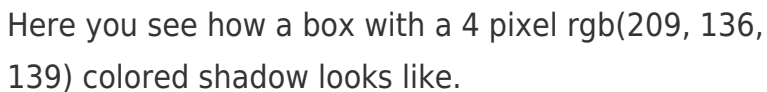
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 136, 139) }
```


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

```
.border{ border-color:rgb(209, 136, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 136, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 136, 139); box-shadow:4px 4px 4px 4px rgb(209, 136, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7589, 33.0277, 28.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 136, 139) }
```

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

```
.background{ background-color: rgb(209,  
136, 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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