

Converting Colors

XYZ(38.9834, 35.8058, 33.8416)

Have a look what the booklet for
XYZ(38.9834, 35.8058, 33.8416)
contains.

XYZ(39.0773, 35.9373, 33.7312)	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(39.0773, 35.9373,
33.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	C39796
RGB	195, 151, 150
RGB Percent	76%, 59%, 59%
CMY	0.2353, 0.4078, 0.4118
CMYK	0.00, 0.23, 0.23, 0.24
HSL	1°, 27%, 68%
HSV	1°, 23%, 76%
XYZ	39.0773, 35.9373, 33.7312
YIQ	164.0420, 26.5450, 9.0170

Conversions

Conversions Part 2

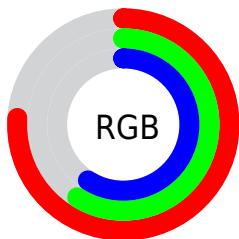
Format	Color
R_{YB}	195, 151, 150
Decimal	12818326
CIE _{Lab}	66.47, 16.31, 6.87
CIE _{LCh}	66, 17.694, 22.830
Yxy	35.9373, 0.3593, 0.3305
Android (android.graphics.Color)	4291008406 (0xFFC39796)
YUV	164.0420, -6.9227, 27.1502
Hunter-Lab	59.9477, 11.4478, 8.6023

Details

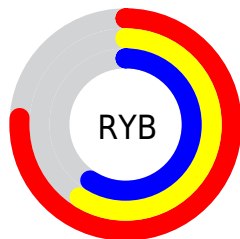
The XYZ color **39.0773, 35.9373, 33.7312** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7194, 49.0065, 58.8904**, and the grayscale version is **35.3304, 37.1704, 40.4785**.

A 20% lighter version of the original color is **72.8753, 68.7177, 66.5496**, and **17.6245, 15.5906, 13.8848** is the 20% darker color. If you saturate the color by 10%, you get **34.8119, 29.7135, 25.1964**, and if you desaturate by 10%, it is **44.1022, 43.2613, 43.8091**.

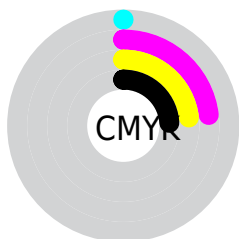
Distribution



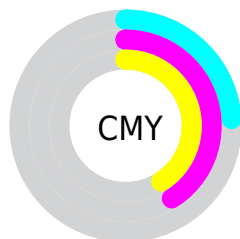
- Red (76%)
- Green (59%)
- Blue (59%)



- Red (76%)
- Yellow (59%)
- Blue (59%)



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




- Cyan (24%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0773, 35.9373, 33.7312 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 39.0773, 35.9373, 33.7312 by changing the saturation by 10% instead.


 39.0773, 35.9373,
33.7312


 39.0773, 35.9373,
33.7312

333.4205,
328.6864, 333.6643

 27.0009, 24.3858,
22.4115


 73.0497, 68.9353,
66.6446

 17.7105, 15.6200,
13.9584


 95.6764, 91.1505,
89.0753

 10.8407, 9.2557,
7.9533


122.5505,
117.6891, 116.0468

 6.0263, 4.9083,
3.9777

154.0375,
148.9355, 147.9775

 2.9019, 2.1936,
1.6131

190.5026,
185.2740, 185.2861

 1.1021, 0.7165,
0.3002

232.3112,

 0.0269, 0.0000,

227.0891, 228.3911

0.0000

279.8288,
274.7651, 277.7110

■ 0.0000, 0.0000,
0.0000

■ 39.0773, 35.9373,
33.7312

■ 39.0773, 35.9373,
33.7312

■ 34.8119, 29.7135,
25.1964

■ 44.1022, 43.2613,
43.8091

■ 31.2662, 24.5321,
18.1265

■ 49.9179, 51.7297,
55.4987

■ 28.4016, 20.3377,
12.4399

■ 56.5575, 61.3904,
68.8670

■ 26.1743, 17.0676,
8.0459

■ 64.0513, 72.2871,
83.9767

■ 24.5356, 14.6520,
4.8432

■ 72.4282, 84.4614,
100.8872

■ 23.4299, 13.0112,
2.7154

■ 76.3158, 90.3422,
108.0233

■ 22.7908, 12.0506,
1.5227

■ 22.5530, 11.6966,
1.0690

Harmonies

Analogous

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



39.4721, 35.9373, 40.9814



39.0773, 35.9373, 33.7312



37.3326, 35.9373, 28.6057

Triad

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



39.0773, 35.9373, 33.7312



30.2520, 35.9373, 30.9508



33.5246, 35.9373, 55.4861

Complementary

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



39.0773, 35.9373, 33.7312



41.7194, 49.0065, 58.8904

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.



31.1674, 35.9373, 51.9620



39.0773, 35.9373, 33.7312



29.3425, 35.9373, 37.3344

Square

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



39.0773, 35.9373, 33.7312



32.2163, 35.9373, 27.1513



29.6687, 35.9373, 45.0753



36.1748, 35.9373, 54.1961

Rectangle

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



39.0773, 35.9373, 33.7312



35.6853, 35.9373, 26.7666



29.6687, 35.9373, 45.0753



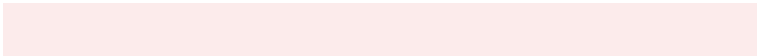
32.6736, 35.9373, 54.8113

Sweetspot

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



39.0783, 35.9390, 33.7319



85.0292, 86.2805, 90.6019



43.1781, 37.3215, 56.1146



18.4785, 18.6878, 19.5554



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.



39.0783, 35.9390, 33.7319



65.7310, 58.1548, 51.8888



43.0026, 43.7876, 35.0401



10.0908, 10.1130, 10.4820



14.6664, 7.6185, 0.6975



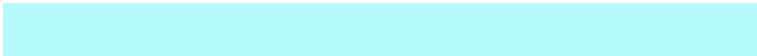
0.6400, 0.3419, 0.0323

Inverse Universe

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



41.7194, 49.0065, 58.8904



71.3355, 85.8886, 105.2882



37.1334, 39.8346, 57.3617



10.3487, 11.3886, 12.9376



18.4705, 26.6976, 37.7363



0.8043, 1.1659, 1.6325

Previews

White Background



This preview shows how the XYZ color 39.0773, 35.9373, 33.7312 looks on a white background.

Color Contrast Check

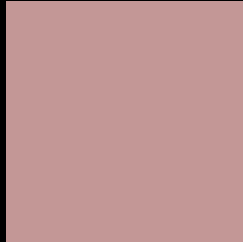
Large Text (above 18pt) WCAG AA × Fail

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 39.0773, 35.9373, 33.7312 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 39.0773, 35.9373, 33.7312

Background



This preview shows how black text looks on a background with the XYZ color 39.0773, 35.9373, 33.7312.



This preview shows how white text looks on a background with the XYZ color 39.0773, 35.9373,

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

39.0773, 35.9373, 33.7312

Protanopia

34.4715, 35.9970, 36.5838

Deuteranopia

36.6047, 35.8919, 33.4323



Tritanopia

39.9454, 35.8039, 38.5237

Trichromacy



Original Color

39.0773, 35.9373, 33.7312

Protanomaly

36.0212, 35.7941, 35.5823

Deuteranomaly

37.4739, 35.8459, 33.3776

Tritanomaly

39.7571, 35.9828, 36.7482

Monochromacy



Original Color

39.0773, 35.9373, 33.7312

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3353, 36.4134, 37.9143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0773, 35.9373, 33.7312 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(195, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(195, 151, 150)  
}
```

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(195, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 150) }
```

Border

The CSS property to change the border of an element to XYZ 39.0773, 35.9373, 33.7312 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(195, 151, 150) }
```


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

```
.border{ border-color:rgb(195, 151, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 151, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(195, 151,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0773, 35.9373, 33.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 151, 150) }
```

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

```
.background{ background-color: rgb(195,  
151, 150) }
```

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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