

Converting Colors

XYZ(39.2322, 35.9406, 37.2192)

Have a look what the booklet for
XYZ(39.2322, 35.9406, 37.2192)
contains.

XYZ(39.2305, 35.9393, 37.2171)	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(39.2305, 35.9393,
37.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	C1979E
RGB	193, 151, 158
RGB Percent	76%, 59%, 62%
CMY	0.2431, 0.4078, 0.3804
CMYK	0.00, 0.22, 0.18, 0.24
HSL	350°, 25%, 67%
HSV	350°, 22%, 76%
XYZ	39.2305, 35.9393, 37.2171
YIQ	164.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

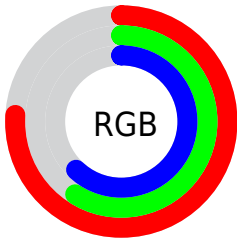
Format	Color
R_{YB}	193, 151, 158
Decimal	12687262
CIE _{Lab}	66.47, 16.79, 2.36
CIE _{LCh}	66, 16.952, 7.996
Yxy	35.9393, 0.3491, 0.3198
Android (android.graphics.Color)	4290877342 (0xFFC1979E)
YUV	164.3560, -3.1335, 25.1208
Hunter-Lab	59.9494, 11.8978, 5.1568

Details

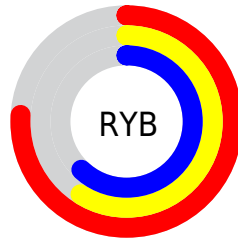
The XYZ color **39.2305, 35.9393, 37.2171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6968, 48.2653, 53.6279**, and the grayscale version is **35.4639, 37.3108, 40.6314**.

A 20% lighter version of the original color is **73.2659, 68.7907, 72.3672**, and **17.8585, 15.6648, 15.9923** is the 20% darker color. If you saturate the color by 10%, you get **35.0800, 29.7106, 29.4441**, and if you desaturate by 10%, it is **44.0728, 43.2607, 46.1156**.

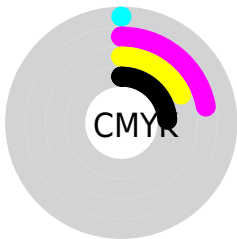
Distribution



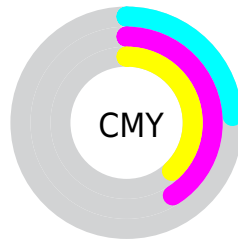
- Red (76%)
- Green (59%)
- Blue (62%)



- Red (76%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2305, 35.9393, 37.2171 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 39.2305, 35.9393, 37.2171 by changing the saturation by 10% instead.

 39.2305, 35.9393,
37.2171


 39.2305, 35.9393,
37.2171


334.0598,
328.6952, 349.4464

 27.1206, 24.3873,
25.0785


 73.2821, 68.9384,
72.0966

 17.8009, 15.6212,
15.9160


 95.9546, 91.1542,
95.6746

 10.9060, 9.2565,
9.3110


122.8786,
117.6935, 123.9029

 6.0705, 4.9089,
4.8450

154.4196,
148.9407, 157.1999

 2.9290, 2.1939,
2.0995

190.9428,
185.2800, 195.9842

 1.1163, 0.7167,
0.6155

232.8137,

 0.0387, 0.0000,

227.0959, 240.6744

0.0000

280.3976,
274.7728, 291.6890

■ 0.0000, 0.0000,
0.0000

■ 39.2305, 35.9393,
37.2171

■ 39.2305, 35.9393,
37.2171

■ 35.0800, 29.7106,
29.4441

■ 44.0728, 43.2607,
46.1156

■ 31.5864, 24.5174,
22.7493

■ 49.6334, 51.7187,
56.1797

■ 28.7167, 20.3049,
17.0854

■ 55.9412, 61.3605,
67.4506

■ 26.4335, 17.0111,
12.4007

■ 63.0227, 72.2294,
79.9664

■ 24.6953, 14.5671,
8.6387

■ 70.9030, 84.3664,
93.7638

■ 23.4552, 12.8939,
5.7374

■ 75.7236, 90.0460,
107.5838

■ 22.6579, 11.8979,
3.6264

■ 75.8025, 90.0775,
107.9992

■ 22.2553, 11.4427,
2.4131

Harmonies

Analogous

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



38.8932, 35.9393, 44.6130



39.2305, 35.9393, 37.2171



38.1567, 35.9393, 31.1331

Triad

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



39.2305, 35.9393, 37.2171



31.2384, 35.9393, 29.1066



32.3609, 35.9393, 53.5945

Complementary

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



39.2305, 35.9393, 37.2171



40.6968, 48.2653, 53.6279

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.



30.4512, 35.9393, 48.3950



39.2305, 35.9393, 37.2171



29.8259, 35.9393, 34.1190

Square

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



39.2305, 35.9393, 37.2171



33.4840, 35.9393, 26.8445



29.5450, 35.9393, 41.1110



34.8435, 35.9393, 54.6913

Rectangle

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



39.2305, 35.9393, 37.2171



36.8151, 35.9393, 28.4232



29.5450, 35.9393, 41.1110



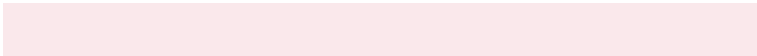
31.6343, 35.9393, 52.2400

Sweetspot

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



39.2315, 35.9409, 37.2178



83.4017, 84.2649, 90.7099



40.9431, 36.4243, 55.3251



17.7642, 17.8826, 19.2279



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2315, 35.9409, 37.2178



66.6574, 58.9467, 59.9404



41.0345, 40.4835, 34.9315



10.1401, 10.1047, 10.8285



14.8226, 7.6188, 1.7120



0.6623, 0.3379, 0.1889

Inverse Universe

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



39.2315, 35.9409, 37.2178



66.6574, 58.9467, 59.9404



38.5096, 42.6710, 56.6591



10.1401, 10.1047, 10.8285



14.8226, 7.6188, 1.7120



0.6623, 0.3379, 0.1889

Previews

White Background



This preview shows how the XYZ color 39.2305, 35.9393, 37.2171 looks on a white background.

Color Contrast Check

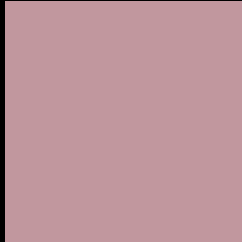
Large Text (above 18pt) WCAG AA × Fail

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 39.2305, 35.9393, 37.2171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

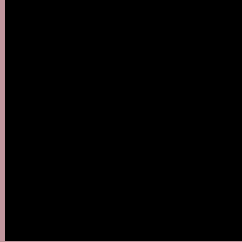
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2305, 35.9393, 37.2171

Background



This preview shows how black text looks on a background with the XYZ color 39.2305, 35.9393, 37.2171.



This preview shows how white text looks on a background with the XYZ color 39.2305, 35.9393,

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

39.2305, 35.9393, 37.2171

Protanopia

34.7556, 36.0626, 40.2509

Deuteranopia

36.7332, 36.1320, 36.9364



Tritanopia

39.4203, 35.7588, 39.0069

Trichromacy



Original Color

39.2305, 35.9393, 37.2171

Protanomaly

36.2578, 35.8365, 39.1886

Deuteranomaly

37.5743, 36.0674, 36.8796

Tritanomaly

39.3317, 35.7234, 38.5405

Monochromacy



Original Color

39.2305, 35.9393, 37.2171

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5989, 36.5189, 39.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2305, 35.9393, 37.2171 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(193, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 158)  
}
```

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(193, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.2305, 35.9393, 37.2171 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(193, 151, 158) }
```


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

```
.border{ border-color:rgb(193, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2305, 35.9393, 37.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 151, 158) }
```

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

```
.background{ background-color: rgb(193,  
151, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor