

Converting Colors

XYZ(39.2516, 35.8463, 37.6410)

Have a look what the booklet for
XYZ(39.2516, 35.8463, 37.6410)
contains.

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Color

**XYZ(39.3169, 35.9739,
37.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	C1979F
RGB	193, 151, 159
RGB Percent	76%, 59%, 62%
CMY	0.2431, 0.4078, 0.3765
CMYK	0.00, 0.22, 0.18, 0.24
HSL	349°, 25%, 67%
HSV	349°, 22%, 76%
XYZ	39.3169, 35.9739, 37.6723
YIQ	164.4700, 22.4640, 11.3920

Conversions

Conversions Part 2

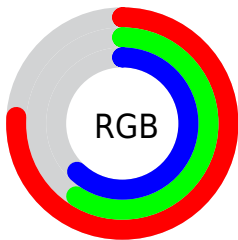
Format	Color
R_{YB}	193, 151, 159
Decimal	12687263
CIE _{Lab}	66.50, 16.95, 1.84
CIE _{LCh}	66, 17.045, 6.183
Yxy	35.9739, 0.3481, 0.3185
Android (android.graphics.Color)	4290877343 (0xFFC1979F)
YUV	164.4700, -2.6967, 25.0208
Hunter-Lab	59.9782, 12.0483, 4.7448

Details

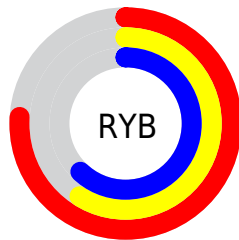
The XYZ color **39.3169, 35.9739, 37.6723** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5909, 48.2228, 53.0699**, and the grayscale version is **35.5164, 37.3660, 40.6916**.

A 20% lighter version of the original color is **73.3933, 68.8417, 73.0379**, and **17.9114, 15.6860, 16.2710** is the 20% darker color. If you saturate the color by 10%, you get **35.1902, 29.7547, 30.0246**, and if you desaturate by 10%, it is **44.1256, 43.2819, 46.3938**.

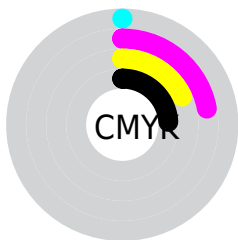
Distribution



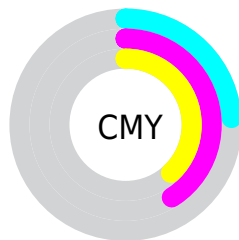
- Red (76%)
- Green (59%)
- Blue (62%)



- 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 39.3169, 35.9739, 37.6723 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 39.3169, 35.9739, 37.6723 by changing the saturation by 10% instead.


 39.3169, 35.9739,
37.6723


 39.3169, 35.9739,
37.6723


334.4199,
328.8465, 351.4681

 27.1882, 24.4140,
25.4286


 73.4132, 68.9918,
72.8034

 17.8519, 15.6410,
16.1747

 96.1114, 91.2186,
96.5279

 10.9428, 9.2705,
9.4922


123.0635,
117.7698, 124.9164

 6.0954, 4.9180,
4.9624

154.6349,
149.0299, 158.3875

 2.9444, 2.1993,
2.1669

191.1909,
185.3832, 197.3596

 1.1244, 0.7196,
0.6552

233.0968,

 0.0454, 0.0000,

227.2141, 242.2514

0.0000

280.7180,
274.9071, 293.4814

■ 0.0000, 0.0000,
0.0000

■ 39.3169, 35.9739,
37.6723

■ 39.3169, 35.9739,
37.6723

■ 35.1902, 29.7547,
30.0246

■ 44.1256, 43.2819,
46.3938

■ 31.7112, 24.5673,
23.4067

■ 49.6422, 51.7222,
56.2264

■ 28.8476, 20.3573,
17.7748

■ 55.8952, 61.3421,
67.2082

■ 26.5626, 17.0628,
13.0809

■ 62.9104, 72.1844,
79.3750

■ 24.8157, 14.6153,
9.2731

■ 70.7125, 84.2902,
92.7609

■ 23.5609, 12.9362,
6.2942

■ 75.4426, 89.9336,
106.1045

■ 22.7439, 11.9323,
4.0797

■ 75.8024, 90.0775,
107.9992

■ 22.3224, 11.4695,
2.7669

Harmonies

Analogous

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



38.8903, 35.9739, 45.1352



39.3169, 35.9739, 37.6723



38.3161, 35.9739, 31.4306

Triad

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



39.3169, 35.9739, 37.6723



31.3708, 35.9739, 28.8679



32.2448, 35.9739, 53.5154

Complementary

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



39.3169, 35.9739, 37.6723



40.5909, 48.2228, 53.0699

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.



30.3752, 35.9739, 48.0845



39.3169, 35.9739, 37.6723



29.8884, 35.9739, 33.7540

Square

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



39.3169, 35.9739, 37.6723



33.6653, 35.9739, 26.7717



29.5332, 35.9739, 40.7058



34.7244, 35.9739, 54.9028

Rectangle

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



39.3169, 35.9739, 37.6723



37.0021, 35.9739, 28.5966



29.5332, 35.9739, 40.7058



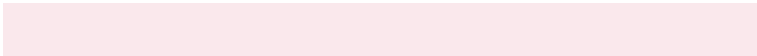
31.5281, 35.9739, 52.0718

Sweetspot

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



39.3179, 35.9755, 37.6730



83.4621, 84.2890, 91.0277



40.6046, 36.2498, 55.3091



17.7781, 17.8882, 19.3014



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.



39.3179, 35.9755, 37.6730



66.8342, 59.0174, 60.8711



40.7833, 39.9813, 34.8479



10.1498, 10.1085, 10.8795



14.8694, 7.6375, 1.9586



0.6666, 0.3396, 0.2117

Inverse Universe

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



39.3179, 35.9755, 37.6730



66.8342, 59.0174, 60.8711



38.7916, 43.2350, 56.7529



10.1498, 10.1085, 10.8795



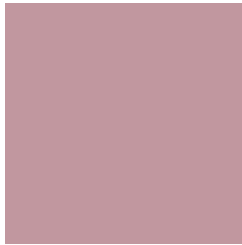
14.8694, 7.6375, 1.9586



0.6666, 0.3396, 0.2117

Previews

White Background



This preview shows how the XYZ color 39.3169, 35.9739, 37.6723 looks on a white background.

Color Contrast Check

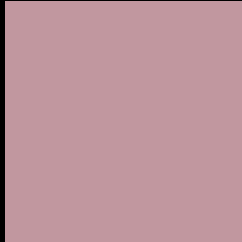
Large Text (above 18pt) WCAG AA × Fail

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 39.3169, 35.9739, 37.6723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

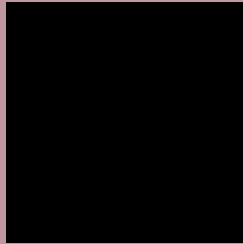
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3169, 35.9739, 37.6723

Background



This preview shows how black text looks on a background with the XYZ color 39.3169, 35.9739, 37.6723.



This preview shows how white text looks on a background with the XYZ color 39.3169, 35.9739,

37.6723.

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

39.3169, 35.9739, 37.6723

Protanopia

34.8462, 36.0989, 40.7285

Deuteranopia

36.8189, 36.1663, 37.3880



Tritanopia

39.5805, 36.0793, 39.0603

Trichromacy



Original Color

39.3169, 35.9739, 37.6723

Protanomaly

36.3470, 35.8722, 39.6587

Deuteranomaly

37.6601, 36.1017, 37.3312

Tritanomaly

39.4920, 36.0439, 38.5939

Monochromacy



Original Color

39.3169, 35.9739, 37.6723

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 39.3169, 35.9739, 37.6723 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.3169, 35.9739, 37.6723 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, 159) }
```


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

```
.border{ border-color:rgb(193, 151, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3169, 35.9739, 37.6723 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, 159) }
```

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

```
.background{ background-color: rgb(193,  
151, 159) }
```

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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