

Converting Colors

XYZ(39.9644, 35.6199, 36.6673)

Have a look what the booklet for
XYZ(39.9644, 35.6199, 36.6673)
contains.

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Color

**XYZ(39.9644, 35.6199,
36.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	C6949D
RGB	198, 148, 157
RGB Percent	78%, 58%, 62%
CMY	0.2235, 0.4196, 0.3843
CMYK	0.00, 0.25, 0.21, 0.22
HSL	349°, 30%, 68%
HSV	349°, 25%, 78%
XYZ	39.9644, 35.6199, 36.6673
YIQ	163.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

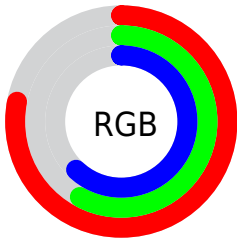
Format	Color
R _Y B	198, 148, 157
Decimal	13014173
CIE Lab	66.23, 20.15, 2.63
CIE LCh	66, 20.321, 7.429
Yxy	35.6199, 0.3560, 0.3173
Android (android.graphics.Color)	4291204253 (0xFFC6949D)
YUV	163.9760, -3.4392, 29.8390
Hunter-Lab	59.6824, 15.0825, 5.3515

Details

The XYZ color **39.9644, 35.6199, 36.6673** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5936, 50.3590, 55.6746**, and the grayscale version is **35.2829, 37.1203, 40.4241**.

A 20% lighter version of the original color is **74.1184, 68.2042, 70.8863**, and **18.2039, 15.4296, 15.6544** is the 20% darker color. If you saturate the color by 10%, you get **35.8249, 29.4137, 28.8965**, and if you desaturate by 10%, it is **44.8214, 42.9655, 45.5870**.

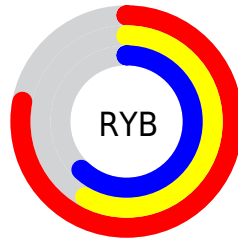
Distribution



Red (78%)

Green (58%)

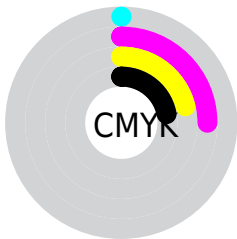
Blue (62%)



Red (78%)

Yellow (58%)

Blue (62%)

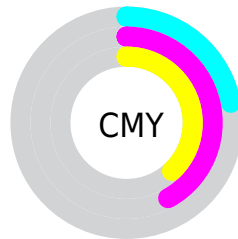


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9644, 35.6199, 36.6673 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 39.9644, 35.6199, 36.6673 by changing the saturation by 10% instead.


 39.9644, 35.6199,
36.6673


 39.9644, 35.6199,
36.6673


337.1105,
327.2961, 346.9931

 27.6949, 24.1408,
24.6562

 74.3940, 68.4450,
71.2414

 18.2351, 15.4381,
15.6044


 97.2848, 90.5597,
94.6415

 11.2196, 9.1274,
9.0934


124.4467,
116.9885, 122.6750

 6.2831, 4.8244,
4.7045

156.2450,
148.1157, 155.7605

 3.0603, 2.1446,
2.0193

193.0453,
184.3256, 194.3166

 1.1857, 0.6895,
0.5671

235.2127,

 0.0950, 0.0000,

226.0027, 238.7616

0.0000

283.1126,
273.5314, 289.5143

■ 0.0000, 0.0000,
0.0000

■ 39.9644, 35.6199,
36.6673

■ 39.9644, 35.6199,
36.6673

■ 35.8249, 29.4137,
28.8965

■ 44.8214, 42.9655,
45.5870

■ 32.3657, 24.2851,
22.2255

■ 50.4248, 51.4985,
55.6978

■ 29.5506, 20.1739,
16.6047

■ 56.8056, 61.2703,
67.0421

■ 27.3390, 17.0117,
11.9799

■ 63.9921, 72.3275,
79.6600

■ 25.6854, 14.7221,
8.2917

■ 72.0113, 84.7146,
93.5894

■ 24.5377, 13.2164,
5.4744

■ 77.0063, 90.7088,
107.5726

■ 23.8332, 12.3869,
3.4532

■ 77.0988, 90.7458,
108.0599

■ 23.6016, 12.1309,
2.7370

Harmonies

Analogous

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



39.5225, 35.6199, 45.5436



39.9644, 35.6199, 36.6673



38.6935, 35.6199, 29.5053

Triad

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



39.9644, 35.6199, 36.6673



30.4383, 35.6199, 26.9909



31.6694, 35.6199, 56.3119

Complementary

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



39.9644, 35.6199, 36.6673



41.5936, 50.3590, 55.6746

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.



29.4388, 35.6199, 49.8287



39.9644, 35.6199, 36.6673



28.7582, 35.6199, 32.7287

Square

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



39.9644, 35.6199, 36.6673



33.1082, 35.6199, 24.4860



28.4034, 35.6199, 40.9807



34.6142, 35.6199, 57.7828

Rectangle

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



39.9644, 35.6199, 36.6673



37.0882, 35.6199, 26.3590



28.4034, 35.6199, 40.9807



30.8166, 35.6199, 54.6042

Sweetspot

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



39.9654, 35.6215, 36.6680



86.3064, 86.6368, 93.2714



41.7290, 36.0563, 58.1865



18.1428, 18.0404, 19.3692



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.



39.9654, 35.6215, 36.6680



66.8039, 57.1177, 57.5274



41.8808, 40.6367, 33.6553



10.7105, 10.6676, 11.4588



15.3716, 7.8982, 1.9006



0.7523, 0.3838, 0.2189

Inverse Universe

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



39.9654, 35.6215, 36.6680



66.8039, 57.1177, 57.5274



39.1692, 43.8986, 59.8352



10.7105, 10.6676, 11.4588



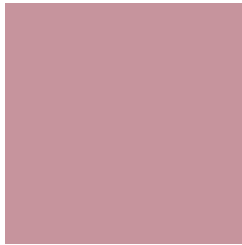
15.3716, 7.8982, 1.9006



0.7523, 0.3838, 0.2189

Previews

White Background



This preview shows how the XYZ color 39.9644, 35.6199, 36.6673 looks on a white background.

Color Contrast Check

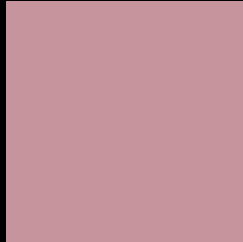
Large Text (above 18pt) WCAG AA × Fail

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 39.9644, 35.6199, 36.6673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

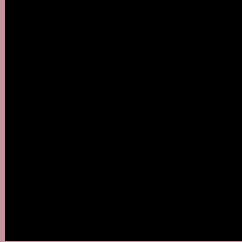
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9644, 35.6199, 36.6673

Background



This preview shows how black text looks on a background with the XYZ color 39.9644, 35.6199, 36.6673.



This preview shows how white text looks on a background with the XYZ color 39.9644, 35.6199,

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

39.9644, 35.6199, 36.6673

Protanopia

34.3759, 35.6085, 40.1833

Deuteranopia

36.4796, 35.7609, 36.4324



Tritanopia

40.1366, 35.6888, 37.5741

Trichromacy



Original Color

39.9644, 35.6199, 36.6673

Protanomaly

36.2260, 35.5802, 38.6766

Deuteranomaly

37.6417, 35.6219, 36.3443

Tritanomaly

40.0502, 35.6542, 37.1188

Monochromacy



Original Color

39.9644, 35.6199, 36.6673

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.5644, 36.2570, 38.7894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9644, 35.6199, 36.6673 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(198, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 148, 157)  
}
```

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(198, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 148, 157) }
```

Border

The CSS property to change the border of an element to XYZ 39.9644, 35.6199, 36.6673 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(198, 148, 157) }
```


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

```
.border{ border-color:rgb(198, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 148,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9644, 35.6199, 36.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 148, 157) }
```

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

```
.background{ background-color: rgb(198,  
148, 157) }
```

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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