

Converting Colors

XYZ(39.8785, 31.9424, 34.2007)

Have a look what the booklet for
XYZ(39.8785, 31.9424, 34.2007)
contains.

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Color

**XYZ(39.8785, 31.9424,
34.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	D08399
RGB	208, 131, 153
RGB Percent	82%, 51%, 60%
CMY	0.1843, 0.4863, 0.4000
CMYK	0.00, 0.37, 0.26, 0.18
HSL	343°, 45%, 66%
HSV	343°, 37%, 82%
XYZ	39.8785, 31.9424, 34.2007
YIQ	156.5310, 38.8300, 23.1660

Conversions

Conversions Part 2

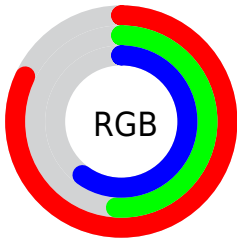
Format	Color
RYB	208, 131, 153
Decimal	13665177
CIELab	63.30, 32.52, 0.76
CIElCh	63, 32.534, 1.344
Yxy	31.9424, 0.3761, 0.3013
Android (android.graphics.Color)	4291855257 (0xFFD08399)
YUV	156.5310, -1.7408, 45.1383
Hunter-Lab	56.5176, 27.0428, 3.6840

Details

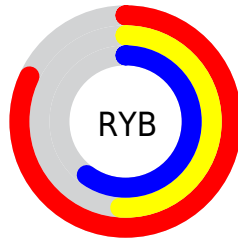
The XYZ color **39.8785, 31.9424, 34.2007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7803, 53.4830, 54.6309**, and the grayscale version is **31.8335, 33.4913, 36.4720**.

A 20% lighter version of the original color is **69.8514, 60.4629, 67.0204**, and **18.2158, 13.3720, 14.1914** is the 20% darker color. If you saturate the color by 10%, you get **36.2084, 26.4453, 27.2951**, and if you desaturate by 10%, it is **44.2639, 38.6252, 42.0994**.

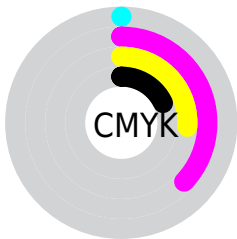
Distribution



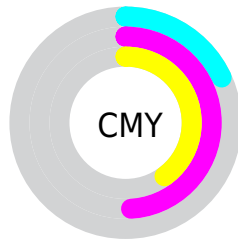
- Red (82%)
- Green (51%)
- Blue (60%)



- Red (82%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8785, 31.9424, 34.2007 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 39.8785, 31.9424, 34.2007 by changing the saturation by 10% instead.


 39.8785, 31.9424,
34.2007


 39.8785, 31.9424,
34.2007

336.7544,
310.8568, 335.8225


 27.6276, 21.3175,
22.7692


 74.2640, 62.7208,
67.3831

 18.1842, 13.3563,
14.2195


 97.1293, 83.6431,
89.9711

 11.1828, 7.6743,
8.1330


 124.2634,
108.7666, 117.1151

 6.2581, 3.8873,
4.0912

156.0318,
138.4758, 149.2334

 3.0448, 1.6107,
1.6755

192.7997,
173.1550, 186.7448

 1.1775, 0.3648,
0.3439

234.9326,

 0.0885, 0.0000,

213.1886, 230.0678

0.0000

282.7957,
258.9611, 279.6208

0.0000, 0.0000,
0.0000

39.8785, 31.9424,
34.2007

39.8785, 31.9424,
34.2007

36.2084, 26.4453,
27.2951

44.2639, 38.6252,
42.0994

33.2117, 22.0596,
21.3400

49.3983, 46.5531,
51.0275

30.8460, 18.7096,
16.2924

55.3163, 55.7870,
61.0218

29.0626, 16.3084,
12.1046

62.0495, 66.3825,
72.1168

27.8054, 14.7544,
8.7245

69.6277, 78.3919,
84.3450

■ 27.0011, 13.9131,
6.0910

■ 77.8219, 91.3497,
97.6522

■ 26.8129, 13.7301,
5.4321

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



38.6212, 31.9424, 48.0971



39.8785, 31.9424, 34.2007



38.3829, 31.9424, 23.3971

Triad

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



39.8785, 31.9424, 34.2007



26.0702, 31.9424, 17.5920



26.3897, 31.9424, 61.4343

Complementary

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



39.8785, 31.9424, 34.2007



40.7803, 53.4830, 54.6309

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.



23.5415, 31.9424, 49.3601



39.8785, 31.9424, 34.2007



23.3703, 31.9424, 24.1801

Square

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



39.8785, 31.9424, 34.2007



30.1574, 31.9424, 15.3944



22.4916, 31.9424, 35.3655



30.5641, 31.9424, 65.9758

Rectangle

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



39.8785, 31.9424, 34.2007



36.1041, 31.9424, 18.7704



22.4916, 31.9424, 35.3655



25.2605, 31.9424, 57.9956

Sweetspot

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



39.8794, 31.9439, 34.2013



83.6855, 82.1669, 90.0185



39.4861, 31.0902, 63.5946



17.6360, 17.1561, 18.8015



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.



39.8794, 31.9439, 34.2013



58.7559, 43.9343, 45.8651



40.4509, 35.7314, 26.2395



11.9456, 11.8630, 12.9894



16.7475, 8.5719, 3.5767



0.9708, 0.4930, 0.3809

Inverse Universe

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



39.8794, 31.9439, 34.2013



58.7559, 43.9343, 45.8651



39.7281, 47.3437, 66.7191



11.9456, 11.8630, 12.9894



16.7475, 8.5719, 3.5767



0.9708, 0.4930, 0.3809

Previews

White Background



This preview shows how the XYZ color 39.8785, 31.9424, 34.2007 looks on a white background.

Color Contrast Check

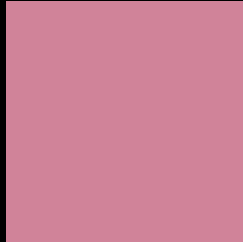
Large Text (above 18pt) WCAG AA × Fail

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 39.8785, 31.9424, 34.2007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

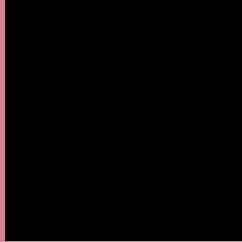
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8785, 31.9424, 34.2007

Background



This preview shows how black text looks on a background with the XYZ color 39.8785, 31.9424, 34.2007.



This preview shows how white text looks on a background with the XYZ color 39.8785, 31.9424,

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

39.8785, 31.9424, 34.2007

Protanopia

31.4110, 32.3079, 40.6569

Deuteranopia

32.8300, 32.2429, 33.3473



Tritanopia

39.0776, 32.0236, 30.1082

Trichromacy



Original Color

39.8785, 31.9424, 34.2007

Protanomaly

33.7920, 31.7082, 38.0575

Deuteranomaly

35.0261, 31.7707, 33.5644

Tritanomaly

39.2499, 31.8745, 31.6875

Monochromacy



Original Color

39.8785, 31.9424, 34.2007

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.4952, 32.8102, 35.9674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8785, 31.9424, 34.2007 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(208, 131, 153)` looks like.

```
.text, #text, p{  
    color:rgb(208, 131, 153)  
}
```

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(208, 131, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 131, 153) }
```

Border

The CSS property to change the border of an element to XYZ 39.8785, 31.9424, 34.2007 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(208, 131, 153) }
```


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

```
.border{ border-color:rgb(208, 131, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 131, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(208, 131,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8785, 31.9424, 34.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 131, 153) }
```

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

```
.background{ background-color: rgb(208,  
131, 153) }
```

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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