

Converting Colors

XYZ(39.7348, 31.0930, 33.6158)

Have a look what the booklet for
XYZ(39.7348, 31.0930, 33.6158)
contains.

XYZ(39.8352, 31.1474, 33.6183)	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(39.8352, 31.1474,
33.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	D27F98
RGB	210, 127, 152
RGB Percent	82%, 50%, 60%
CMY	0.1765, 0.5019, 0.4039
CMYK	0.00, 0.40, 0.28, 0.18
HSL	342°, 48%, 66%
HSV	342°, 40%, 82%
XYZ	39.8352, 31.1474, 33.6183
YIQ	154.6670, 41.4430, 25.3710

Conversions

Conversions Part 2

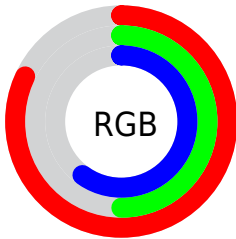
Format	Color
RYB	210, 127, 152
Decimal	13795224
CIELab	62.63, 35.25, 0.40
CIELCh	63, 35.251, 0.643
Yxy	31.1474, 0.3808, 0.2978
Android (android.graphics.Color)	4291985304 (0xFFD27F98)
YUV	154.6670, -1.3148, 48.5270
Hunter-Lab	55.8099, 29.7401, 3.3523

Details

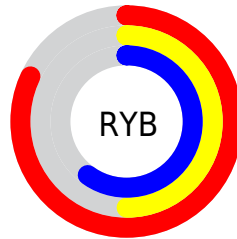
The XYZ color **39.8352, 31.1474, 33.6183** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.5574, 54.1087, 54.2081**, and the grayscale version is **31.0022, 32.6168, 35.5197**.

A 20% lighter version of the original color is **68.9045, 58.7640, 66.1034**, and **18.0703, 12.8808, 13.8457** is the 20% darker color. If you saturate the color by 10%, you get **36.2718, 25.8264, 26.8628**, and if you desaturate by 10%, it is **44.1144, 37.6613, 41.3469**.

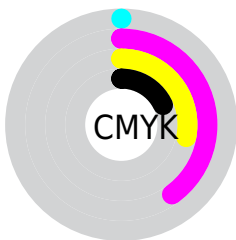
Distribution



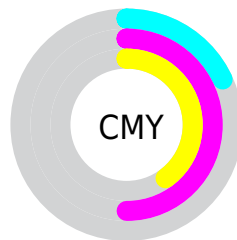
- Red (82%)
- Green (50%)
- Blue (60%)



- Red (82%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8352, 31.1474, 33.6183 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 39.8352, 31.1474, 33.6183 by changing the saturation by 10% instead.


 39.8352, 31.1474,
33.6183


 39.8352, 31.1474,
33.6183


336.5748,
307.2168, 333.1437


 27.5937, 20.7111,
22.3255


 74.1984, 61.4721,
66.4667

 18.1585, 12.9130,
13.8957


 97.0509, 82.1292,
88.8595

 11.1642, 7.3687,
7.9102


 124.1711,
106.9622, 115.7894

 6.2455, 3.6937,
3.9506

155.9243,
136.3552, 147.6748

 3.0370, 1.5037,
1.5983

192.6759,
170.6928, 184.9345

 1.1734, 0.2914,
0.2896

234.7913,

 0.0852, 0.0000,

210.3594, 227.9868

0.0000

282.6358,
255.7392, 277.2504

■ 0.0000, 0.0000,
0.0000

■ 39.8352, 31.1474,
33.6183

■ 39.8352, 31.1474,
33.6183

■ 36.2718, 25.8264,
26.8628

■ 44.1144, 37.6613,
41.3469

■ 33.3806, 21.6209,
21.0381

■ 49.1441, 45.4304,
50.0844

■ 31.1175, 18.4513,
16.1016


■ 54.9600, 54.5178,
59.8672


■ 29.4315, 16.2254,
12.0061


■ 61.5947, 64.9813,
70.7292


■ 28.2630, 14.8347,
8.6992

■ 69.0789, 76.8751,
82.7026

 27.5132, 14.0931,
6.1129

 77.4417, 90.2503,
95.8185

 27.4825, 14.0633,
6.0046

 80.3448, 92.4242,
107.9845

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



38.4075, 31.1474, 48.6072



39.8352, 31.1474, 33.6183



38.2844, 31.1474, 22.1387

Triad

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



39.8352, 31.1474, 33.6183



25.1418, 31.1474, 15.8657



25.3031, 31.1474, 62.5917

Complementary

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



39.8352, 31.1474, 33.6183



40.5574, 54.1087, 54.2081

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.



22.3473, 31.1474, 49.2636



39.8352, 31.1474, 33.6183



22.2615, 31.1474, 22.5278

Square

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



39.8352, 31.1474, 33.6183



29.5012, 31.1474, 13.7429



21.2953, 31.1474, 34.2119



29.7084, 31.1474, 67.8411

Rectangle

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



39.8352, 31.1474, 33.6183



35.8573, 31.1474, 17.2961



21.2953, 31.1474, 34.2119



24.1247, 31.1474, 58.7571

Sweetspot

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



39.8361, 31.1489, 33.6189



82.7994, 80.7050, 88.7664



38.9228, 29.9890, 64.7099



17.4613, 16.8654, 18.5625



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.



39.8361, 31.1489, 33.6189



57.2990, 41.5795, 43.6563



40.1155, 34.6460, 24.6537



11.9532, 11.8660, 13.0293



16.8030, 8.5941, 3.8691



0.9746, 0.4946, 0.4012

Inverse Universe

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



39.8361, 31.1489, 33.6189



57.2990, 41.5795, 43.6563



39.8530, 48.0993, 68.1565



11.9532, 11.8660, 13.0293



16.8030, 8.5941, 3.8691



0.9746, 0.4946, 0.4012

Previews

White Background



This preview shows how the XYZ color 39.8352, 31.1474, 33.6183 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 39.8352, 31.1474, 33.6183 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 39.8352, 31.1474, 33.6183

Background



This preview shows how black text looks on a background with the XYZ color 39.8352, 31.1474, 33.6183.



This preview shows how white text looks on a background with the XYZ color 39.8352, 31.1474,

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

39.8352, 31.1474, 33.6183

Protanopia

30.5272, 31.3704, 40.5225

Deuteranopia

32.0070, 31.3622, 32.8003



Tritanopia

38.8050, 31.1199, 28.3876

Trichromacy



Original Color

39.8352, 31.1474, 33.6183

Protanomaly

33.1193, 30.6899, 37.8964

Deuteranomaly

34.4115, 31.0255, 33.0290

Tritanomaly

39.0477, 31.0073, 30.3125

Monochromacy



Original Color

39.8352, 31.1474, 33.6183

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.6373, 31.6979, 34.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8352, 31.1474, 33.6183 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(210, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(210, 127, 152)  
}
```

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(210, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 127, 152) }
```

Border

The CSS property to change the border of an element to XYZ 39.8352, 31.1474, 33.6183 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(210, 127, 152) }
```


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

```
.border{ border-color:rgb(210, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(210, 127,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8352, 31.1474, 33.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 127, 152) }
```

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

```
.background{ background-color: rgb(210,  
127, 152) }
```

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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