

Converting Colors

XYZ(36.0807, 31.5191, 59.7184)

Have a look what the booklet for
XYZ(36.0807, 31.5191, 59.7184)
contains.

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Color

**XYZ(36.0038, 31.4823,
59.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	A78DC9
RGB	167, 141, 201
RGB Percent	65%, 55%, 79%
CMY	0.3451, 0.4470, 0.2118
CMYK	0.17, 0.30, 0.00, 0.21
HSL	266°, 36%, 67%
HSV	266°, 30%, 79%
XYZ	36.0038, 31.4823, 59.4374
YIQ	155.6140, -3.7640, 24.1720

Conversions

Conversions Part 2

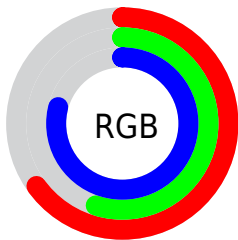
Format	Color
RYB	167, 141, 201
Decimal	10980809
CIELab	62.91, 21.64, -27.40
CIELCh	63, 34.910, 308.297
Yxy	31.4823, 0.2837, 0.2480
Android (android.graphics.Color)	4289170889 (0xFFA78DC9)
YUV	155.6140, 22.3753, 9.9855
Hunter-Lab	56.1091, 16.3481, -23.5306

Details

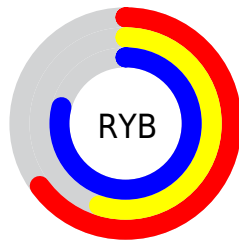
The XYZ color **36.0038, 31.4823, 59.4374** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3746, 52.8111, 33.1082**, and the grayscale version is **31.3338, 32.9656, 35.8995**.

A 20% lighter version of the original color is **67.9965, 61.9382, 102.9792**, and **15.9470, 13.1662, 29.3046** is the 20% darker color. If you saturate the color by 10%, you get **31.0036, 24.8976, 58.4305**, and if you desaturate by 10%, it is **41.7559, 39.2545, 60.6349**.

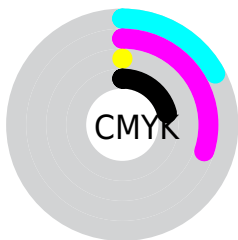
Distribution



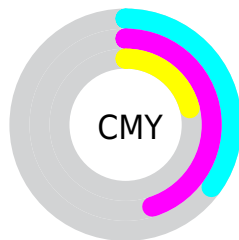
- Red (65%)
- Green (55%)
- Blue (79%)



- Red (65%)
- Yellow (55%)
- Blue (79%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)





- Cyan (35%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0038, 31.4823, 59.4374 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 36.0038, 31.4823, 59.4374 by changing the saturation by 10% instead.


 36.0038, 31.4823,
59.4374


 36.0038, 31.4823,
59.4374


320.4081,
308.7542, 440.2679


 24.6073, 20.9664,
42.5430


 68.3618, 61.9986,
105.5485

 15.9119, 13.0994,
29.1980


 90.0539, 82.7678,
135.6022

 9.5523, 7.4971,
18.9838


 115.9086,
107.7235, 170.8795

 5.1631, 3.7748,
11.4819

146.2912,
137.2502, 211.7989

 2.3790, 1.5484,
6.2737

181.5671,
171.7322, 258.7789

 0.8346, 0.3225,
2.9407

222.1017,

 0.0000, 0.0000,

211.5539, 312.2380

1.0645

268.2602,
257.0998, 372.5948

■ 0.0000, 0.0000,
0.0000

■ 36.0038, 31.4823,
59.4374

■ 36.0038, 31.4823,
59.4374

■ 31.0036, 24.8976,
58.4305

■ 41.7559, 39.2545,
60.6349

■ 26.7176, 19.4356,
57.6021

■ 48.2889, 48.2669,
62.0302

■ 23.1093, 15.0308,
56.9421

■ 55.6341, 58.5736,
63.6324

■ 20.1374, 11.6092,
56.4383

■ 63.8199, 70.2244,
65.4498

■ 17.7553, 9.0870,
56.0770

■ 72.8734, 83.2663,
67.4900

■ 15.9086, 7.3653,
55.8420

■ 80.6771, 93.4578,
69.0458

■ 14.5017, 6.2629,
55.7034

■ 84.5666, 95.4628,
69.2279

■ 14.4824, 6.2480,
55.7015

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



31.2723, 31.4823, 67.5800



36.0038, 31.4823, 59.4374



39.3256, 31.4823, 44.9917

Triad

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



36.0038, 31.4823, 59.4374



33.4610, 31.4823, 15.1429



21.7005, 31.4823, 38.2293

Complementary

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



36.0038, 31.4823, 59.4374



43.3746, 52.8111, 33.1082

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.



22.1530, 31.4823, 25.4178



36.0038, 31.4823, 59.4374



28.6130, 31.4823, 14.2368

Square

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



36.0038, 31.4823, 59.4374



37.7519, 31.4823, 20.3886



24.5685, 31.4823, 17.4606



23.2590, 31.4823, 53.3699

Rectangle

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



36.0038, 31.4823, 59.4374



40.1095, 31.4823, 35.0691



24.5685, 31.4823, 17.4606



21.6261, 31.4823, 33.5007

Sweetspot

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



36.0048, 31.4836, 59.4381



83.5368, 83.8377, 106.3872



37.0536, 40.9316, 61.2065



17.5055, 17.4230, 22.6903



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.



36.0048, 31.4836, 59.4381



55.8056, 46.1790, 100.5799



42.8333, 35.0038, 59.7577



10.4853, 10.5085, 13.3932



9.2067, 3.9805, 35.0274



0.5186, 0.2311, 1.6624

Inverse Universe

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



41.3512, 34.5637, 45.0508



66.6669, 52.4431, 71.0478



37.5495, 49.8082, 32.8356



10.8814, 10.7359, 12.3587



17.0981, 8.5888, 10.9926



0.8455, 0.4210, 0.7093

Previews

White Background



This preview shows how the XYZ color 36.0038, 31.4823, 59.4374 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 36.0038, 31.4823, 59.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

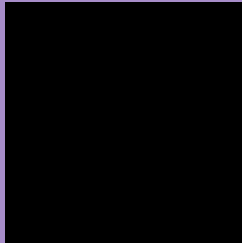
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0038, 31.4823, 59.4374

Background



This preview shows how black text looks on a background with the XYZ color 36.0038, 31.4823, 59.4374.



This preview shows how white text looks on a background with the XYZ color 36.0038, 31.4823,

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

36.0038, 31.4823, 59.4374

Protanopia

32.2832, 31.5177, 64.0565

Deuteranopia

32.3705, 31.6870, 58.4429



Tritanopia

31.6777, 31.5417, 38.1368

Trichromacy



Original Color

36.0038, 31.4823, 59.4374

Protanomaly

33.4858, 31.4783, 62.0686

Deuteranomaly

33.6215, 31.6169, 58.9742

Tritanomaly

33.2196, 31.4789, 45.3995

Monochromacy



Original Color

36.0038, 31.4823, 59.4374

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0102, 32.5854, 43.5795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0038, 31.4823, 59.4374 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(167, 141, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 141, 201)  
}
```

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(167, 141, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 141, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.0038, 31.4823, 59.4374 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(167, 141, 201) }
```


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

```
.border{ border-color:rgb(167, 141, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 141, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 141, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 141, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 141,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0038, 31.4823, 59.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 141, 201) }
```

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

```
.background{ background-color: rgb(167,  
141, 201) }
```

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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