

Converting Colors

$Y_{xy}(39.1937, 0.3153, 0.2744)$

Have a look what the booklet for
Yxy(39.1937, 0.3153, 0.2744)
contains.

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Color

Yxy(39.1942, 0.3153, 0.2744)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C69AC6 |
| RGB | 198, 154, 198 |
| RGB Percent | 78%, 60%, 78% |
| CMY | 0.2235, 0.3961, 0.2236 |
| CMYK | 0.00, 0.22, 0.00, 0.22 |
| HSL | 300°, 28%, 69% |
| HSV | 300°, 22%, 78% |
| XYZ | 45.0362, 39.1942, 58.6056 |
| YIQ | 172.1720, 12.1000, 23.0120 |

Conversions

Conversions Part 2

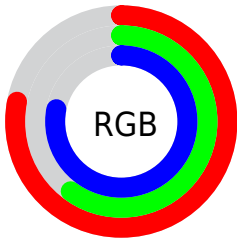
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 154, 198 |
| Decimal | 13015750 |
| CIE Lab | 68.89, 23.89, -16.32 |
| CIE LCh | 69, 28.934, 325.656 |
| Yxy | 39.1942, 0.3153, 0.2744 |
| Android (android.graphics.Color) | 4291205830 (0xFFC69AC6) |
| YUV | 172.1720, 12.7332, 22.6512 |
| Hunter-Lab | 62.6053, 18.8479, -11.6785 |

Details

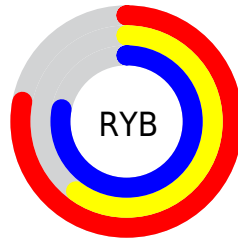
The Yxy color $39.1942, 0.3153, 0.2744$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.5950, 0.3098, 0.3904$, and the grayscale version is $41.2771, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0809, 0.3148, 0.2841$, and $17.4457, 0.3160, 0.2590$ is the 20% darker color. If you saturate the color by 10%, you get $33.1893, 0.3165, 0.2499$, and if you desaturate by 10%, it is $46.2806, 0.3141, 0.2993$.

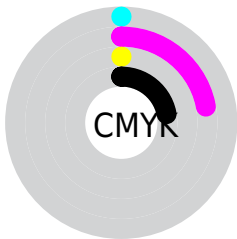
Distribution



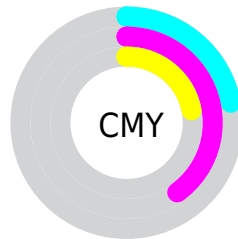
- Red (78%)
- Green (60%)
- Blue (78%)



- Red (78%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1942, 0.3153, 0.2744 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 Yxy color 39.1942, 0.3153, 0.2744 by changing the saturation by 10% instead.


 39.1942, 0.3153,
0.2744


 39.1942, 0.3153,
0.2744


342.7154, 0.3145,
0.3013

 26.9108, 0.3154,
0.2678


 73.9349, 0.3151,
0.2841

 17.5063, 0.3154,
0.2595


 97.1610, 0.3150,
0.2877

 10.5961, 0.3153,
0.2485


124.8035, 0.3149,
0.2908

 5.7959, 0.3148,
0.2336

157.2468, 0.3148,
0.2935

 2.7214, 0.3136,
0.2120

194.8752, 0.3147,
0.2958

 0.9881, 0.3102,
0.1785

238.0732, 0.3146,

 0.0000, 0.3164,

0.2979

0.0000

287.2251, 0.3145,
0.2997

0.0000, 0.0000,
0.0000

39.1942, 0.3153,
0.2744

39.1942, 0.3153,
0.2744

33.1893, 0.3165,
0.2499

46.2806, 0.3141,
0.2993

28.2080, 0.3176,
0.2265

54.4925, 0.3130,
0.3237

24.1946, 0.3186,
0.2054

63.8779, 0.3119,
0.3472

21.0864, 0.3194,
0.1872

74.4803, 0.3108,
0.3693

18.8130, 0.3201,
0.1729

86.3410, 0.3098,
0.3899

■ 17.2938, 0.3206,
0.1627

■ 87.6057, 0.3097,
0.3919

■ 16.4324, 0.3209,
0.1567

■ 87.6062, 0.3097,
0.3918

■ 16.0789, 0.3211,
0.1542

■ 87.6067, 0.3097,
0.3918

■ 87.6072, 0.3097,
0.3918

Harmonies

Analogous

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



39.1942, 0.2744, 0.2609



39.1942, 0.3153, 0.2744



39.1942, 0.3582, 0.3001

Triad

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



39.1942, 0.3153, 0.2744



39.1942, 0.3823, 0.3951



39.1942, 0.2414, 0.3170

Complementary

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



39.1942, 0.3153, 0.2744



49.5950, 0.3098, 0.3904

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.



39.1942, 0.2669, 0.3593



39.1942, 0.3153, 0.2744



39.1942, 0.3480, 0.4064

Square

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



39.1942, 0.3153, 0.2744



39.1942, 0.3981, 0.3675



39.1942, 0.3056, 0.3937



39.1942, 0.2340, 0.2823

Rectangle

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



39.1942, 0.3153, 0.2744



39.1942, 0.3811, 0.3217



39.1942, 0.3056, 0.3937



39.1942, 0.2480, 0.3309

Sweetspot

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



39.1959, 0.3153, 0.2744



89.1347, 0.3135, 0.3118



34.0612, 0.2756, 0.2676



18.8884, 0.3136, 0.3103



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1959, 0.3153, 0.2744



63.6587, 0.3159, 0.2616



38.2544, 0.3357, 0.3009



10.8165, 0.3138, 0.3063



10.4560, 0.3211, 0.1542



0.4951, 0.3210, 0.1542

Inverse Universe

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



39.1959, 0.3153, 0.2744



63.6587, 0.3159, 0.2616



50.3958, 0.2946, 0.3590



10.8165, 0.3138, 0.3063



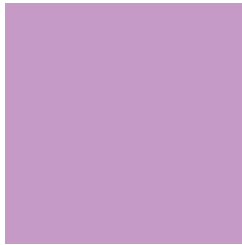
10.4560, 0.3211, 0.1542



0.4951, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 39.1942, 0.3153, 0.2744 looks on a white background.

Color Contrast Check

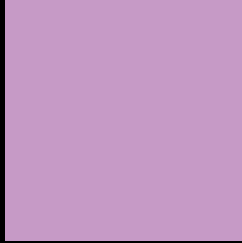
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.1942, 0.3153, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

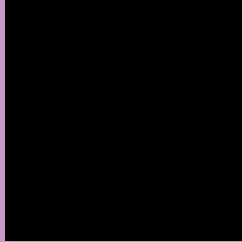
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1942, 0.3153, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 39.1942, 0.3153, 0.2744.



This preview shows how white text looks on a background with the Yxy color 39.1942, 0.3153, 0.2744.

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

39.1942, 0.3153, 0.2744

Protanopia

39.5134, 0.2745, 0.2754

Deuteranopia

39.1944, 0.2924, 0.2863



Tritanopia

39.2059, 0.3357, 0.3134

Trichromacy



Original Color

39.1942, 0.3153, 0.2744

Protanomaly

39.0845, 0.2878, 0.2740

Deuteranomaly

38.9966, 0.3004, 0.2808

Tritanomaly

39.0522, 0.3276, 0.2982

Monochromacy



Original Color

39.1942, 0.3153, 0.2744

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0702, 0.3137, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1942, 0.3153, 0.2744 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, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 198)  
}
```

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, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 198) }
```

Border

The CSS property to change the border of an element to Yxy 39.1942, 0.3153, 0.2744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

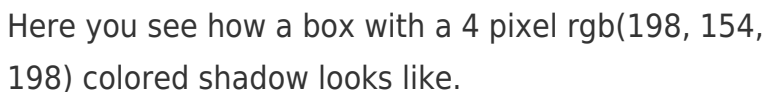
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 154, 198) }
```

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

```
.border{ border-color:rgb(198, 154, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 154, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 154, 198); box-shadow:4px 4px 4px 4px rgb(198, 154, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1942, 0.3153, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 198) }
```

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

```
.background{ background-color: rgb(198,  
154, 198) }
```

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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