

Converting Colors

$Y_{xy}(40.0310, 0.3147, 0.2518)$

Have a look what the booklet for
Yxy(40.0310, 0.3147, 0.2518)
contains.

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Color

Yxy(40.1810, 0.3154, 0.2526)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D594D6 |
| RGB | 213, 148, 214 |
| RGB Percent | 84%, 58%, 84% |
| CMY | 0.1646, 0.4196, 0.1608 |
| CMYK | 0.00, 0.31, 0.00, 0.16 |
| HSL | 299°, 45%, 71% |
| HSV | 299°, 31%, 84% |
| XYZ | 50.1706, 40.1810, 68.7181 |
| YIQ | 174.9590, 17.5540, 34.3060 |

Conversions

Conversions Part 2

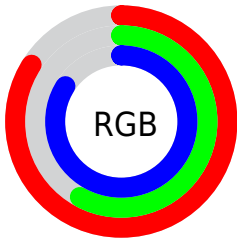
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 213, 148, 214 |
| Decimal | 13997270 |
| CIE _{Lab} | 69.60, 35.13, -23.97 |
| CIE _{LCh} | 70, 42.527, 325.691 |
| Yxy | 40.1810, 0.3154, 0.2526 |
| Android (android.graphics.Color) | 4292187350 (0xFFD594D6) |
| YUV | 174.9590, 19.2472, 33.3620 |
| Hunter-Lab | 63.3885, 30.3489, -19.9031 |

Details

The Yxy color **40.1810, 0.3154, 0.2526** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.6087, 0.3092, 0.4189**, and the grayscale version is **42.7404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **18.0370, 0.3146, 0.2331** is the 20% darker color. If you saturate the color by 10%, you get **34.0325, 0.3161, 0.2288**, and if you desaturate by 10%, it is **47.5739, 0.3146, 0.2775**.

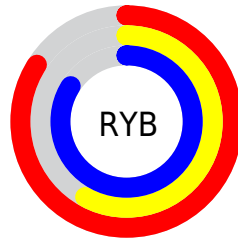
Distribution



Red (84%)

Green (58%)

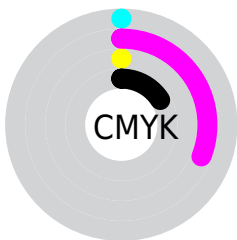
Blue (84%)



Red (84%)

Yellow (58%)

Blue (84%)

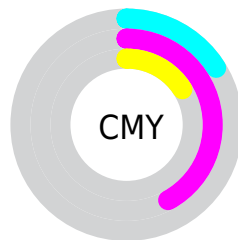


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1810, 0.3154, 0.2526 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 40.1810, 0.3154, 0.2526 by changing the saturation by 10% instead.


 40.1810, 0.3154,
0.2526


 40.1810, 0.3154,
0.2526


346.8859, 0.3150,
0.2892

 27.6797, 0.3152,
0.2440


 75.4391, 0.3154,
0.2655

 18.0843, 0.3149,
0.2332


 98.9646, 0.3154,
0.2705

 11.0106, 0.3142,
0.2193


126.9337, 0.3153,
0.2748

 6.0739, 0.3128,
0.2010

159.7307, 0.3153,
0.2784

 2.8901, 0.3099,
0.1757

197.7400, 0.3152,
0.2816

 1.0746, 0.3034,
0.1393

241.3460, 0.3151,


 0.0000, 0.3128,


0.2845


0.0000


290.9332, 0.3151,
0.2870


 0.0000, 0.0000,
0.0000

 40.1810, 0.3154,
0.2526


 40.1810, 0.3154,
0.2526


 34.0325, 0.3161,
0.2288


 47.5739, 0.3146,
0.2775


 29.0546, 0.3168,
0.2069


 56.2692, 0.3137,
0.3025


 25.1740, 0.3172,
0.1881


 66.3276, 0.3128,
0.3270

 22.3070, 0.3175,
0.1729


 77.8043, 0.3119,
0.3504

 20.3576, 0.3176,
0.1619

 90.7516, 0.3110,
0.3724

 19.2117, 0.3175,
0.1553

 90.8051, 0.3112,
0.3724

 18.6829, 0.3173,
0.1521

 90.8524, 0.3114,
0.3724

 90.8997, 0.3116,
0.3724

 90.9472, 0.3118,
0.3723

Harmonies

Analogous

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



40.1810, 0.2573, 0.2338



40.1810, 0.3154, 0.2526



40.1810, 0.3787, 0.2875

Triad

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



40.1810, 0.3154, 0.2526



40.1810, 0.4116, 0.4220



40.1810, 0.2115, 0.3092

Complementary

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



40.1810, 0.3154, 0.2526



56.6087, 0.3092, 0.4189

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.



40.1810, 0.2460, 0.3733



40.1810, 0.3154, 0.2526



40.1810, 0.3611, 0.4431

Square

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



40.1810, 0.3154, 0.2526



40.1810, 0.4366, 0.3803



40.1810, 0.3004, 0.4267



40.1810, 0.2022, 0.2602

Rectangle

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



40.1810, 0.3154, 0.2526



40.1810, 0.4128, 0.3168



40.1810, 0.3004, 0.4267



40.1810, 0.2203, 0.3299

Sweetspot

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



40.1828, 0.3154, 0.2526



86.1580, 0.3135, 0.3068



32.6758, 0.2585, 0.2405



17.9967, 0.3137, 0.3032



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.



40.1828, 0.3154, 0.2526



53.5876, 0.3159, 0.2369



38.8541, 0.3465, 0.2879



12.6230, 0.3136, 0.3060



11.2988, 0.3173, 0.1522



0.6845, 0.3180, 0.1525

Inverse Universe

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



37.6416, 0.3811, 0.3280



49.2371, 0.4025, 0.3278



57.6713, 0.2887, 0.3743



12.4237, 0.3289, 0.3287



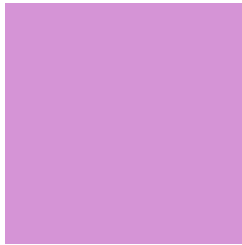
8.6466, 0.6384, 0.3290



0.5226, 0.6330, 0.3261

Previews

White Background



This preview shows how the Yxy color 40.1810, 0.3154, 0.2526 looks on a white background.

Color Contrast Check

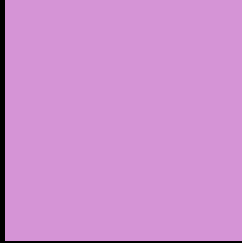
Large Text (above 18pt) WCAG AA × Fail

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 40.1810, 0.3154, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

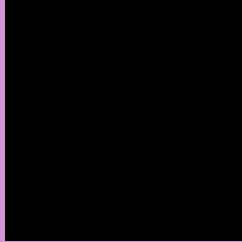
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1810, 0.3154, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 40.1810, 0.3154, 0.2526.



This preview shows how white text looks on a background with the Yxy color 40.1810, 0.3154, 0.2526.

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

40.1810, 0.3154, 0.2526

Protanopia

40.4347, 0.2557, 0.2504

Deuteranopia

40.3976, 0.2779, 0.2726



Tritanopia

40.2439, 0.3508, 0.3141

Trichromacy



Original Color

40.1810, 0.3154, 0.2526



Protanomaly

39.9855, 0.2746, 0.2502



Deuteranomaly

39.9120, 0.2909, 0.2647



Tritanomaly

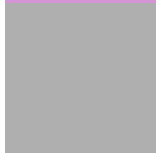
40.1693, 0.3378, 0.2911

Monochromacy



Original Color

40.1810, 0.3154, 0.2526



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.4032, 0.3142, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1810, 0.3154, 0.2526 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(213, 148, 214)` looks like.

```
.text, #text, p{  
    color:rgb(213, 148, 214)  
}
```

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(213, 148, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 148, 214) }
```

Border

The CSS property to change the border of an element to Yxy 40.1810, 0.3154, 0.2526 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(213, 148, 214) }
```

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

```
.border{ border-color:rgb(213, 148, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 148, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 148,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1810, 0.3154, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 148, 214) }
```

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

```
.background{ background-color: rgb(213,  
148, 214) }
```

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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