

Converting Colors

$Y_{xy}(35.7779, 0.3130, 0.2648)$

Have a look what the booklet for
Yxy(35.7779, 0.3130, 0.2648)
contains.

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Color

Yxy(35.5738, 0.3128, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	C191C4
RGB	193, 145, 196
RGB Percent	76%, 57%, 77%
CMY	0.2431, 0.4314, 0.2313
CMYK	0.02, 0.26, 0.00, 0.23
HSL	296°, 30%, 67%
HSV	296°, 26%, 77%
XYZ	42.0858, 35.5738, 56.8858
YIQ	165.1660, 12.2370, 26.0370

Conversions

Conversions Part 2

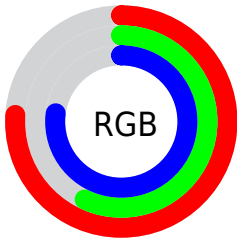
Format	Color
R_{YB}	193, 145, 196
Decimal	12685764
CIE _{Lab}	66.19, 26.82, -19.37
CIE _{LCh}	66, 33.080, 324.161
Yxy	35.5738, 0.3128, 0.2644
Android (android.graphics.Color)	4290875844 (0xFFC191C4)
YUV	165.1660, 15.2012, 24.4104
Hunter-Lab	59.6438, 21.5764, -14.7977

Details

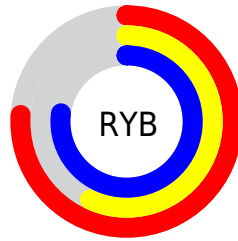
The Yxy color **35.5738, 0.3128, 0.2644** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.8307, 0.3116, 0.4021**, and the grayscale version is **37.6334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2627, 0.3130, 0.2754**, and **15.4474, 0.3124, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **29.9415, 0.3125, 0.2396**, and if you desaturate by 10%, it is **42.2439, 0.3129, 0.2896**.

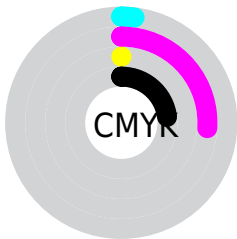
Distribution



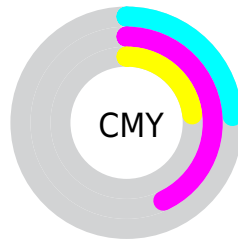
- Red (76%)
- Green (57%)
- Blue (77%)



- Red (76%)
- Yellow (57%)
- Blue (77%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5738, 0.3128, 0.2644 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 35.5738, 0.3128, 0.2644 by changing the saturation by 10% instead.


 35.5738, 0.3128,
0.2644


 35.5738, 0.3128,
0.2644


327.0939, 0.3134,
0.2964

 24.1052, 0.3124,
0.2565


 68.3737, 0.3132,
0.2760

 15.4117, 0.3119,
0.2465


 90.4739, 0.3133,
0.2803

 9.1088, 0.3109,
0.2333


116.8866, 0.3133,
0.2840

 4.8122, 0.3090,
0.2152

147.9964, 0.3134,
0.2872

 2.1375, 0.3054,
0.1891

184.1877, 0.3134,
0.2900

 0.6856, 0.2980,
0.1462

225.8447, 0.3134,

 0.0000, 0.2211,

0.2924

0.0000

273.3520, 0.3134,
0.2945

0.0000, 0.0000,
0.0000

35.5738, 0.3128,
0.2644

35.5738, 0.3128,
0.2644

29.9415, 0.3125,
0.2396

42.2439, 0.3129,
0.2896

25.2894, 0.3121,
0.2162

49.9964, 0.3128,
0.3144

21.5611, 0.3114,
0.1950

58.8790, 0.3126,
0.3384

18.6928, 0.3105,
0.1770

68.9352, 0.3123,
0.3609

16.6126, 0.3094,
0.1630

80.2060, 0.3120,
0.3820

■ 15.2369, 0.3081,
0.1532

■ 87.7790, 0.3120,
0.3939

■ 14.4600, 0.3067,
0.1476

■ 87.9387, 0.3128,
0.3938

■ 14.2341, 0.3061,
0.1460

■ 88.0996, 0.3135,
0.3937

■ 88.2618, 0.3142,
0.3935

Harmonies

Analogous

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



35.5738, 0.2655, 0.2496



35.5738, 0.3128, 0.2644



35.5738, 0.3640, 0.2933

Triad

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



35.5738, 0.3128, 0.2644



35.5738, 0.3958, 0.4048



35.5738, 0.2303, 0.3165

Complementary

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



35.5738, 0.3128, 0.2644



47.8307, 0.3116, 0.4021

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.



35.5738, 0.2606, 0.3673



35.5738, 0.3128, 0.2644



35.5738, 0.3558, 0.4208

Square

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



35.5738, 0.3128, 0.2644



35.5738, 0.4137, 0.3710



35.5738, 0.3062, 0.4080



35.5738, 0.2209, 0.2752

Rectangle

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



35.5738, 0.3128, 0.2644



35.5738, 0.3919, 0.3179



35.5738, 0.3062, 0.4080



35.5738, 0.2382, 0.3332

Sweetspot

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



35.5753, 0.3128, 0.2644



87.4404, 0.3128, 0.3093



31.3107, 0.2687, 0.2605



18.2426, 0.3129, 0.3055



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.



35.5753, 0.3128, 0.2644



58.6376, 0.3127, 0.2508



35.0409, 0.3372, 0.2915



10.2163, 0.3129, 0.3062



9.1570, 0.3063, 0.1461



0.4050, 0.3098, 0.1480

Inverse Universe

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



34.1267, 0.3643, 0.3251



55.6113, 0.3794, 0.3243



48.3034, 0.2940, 0.3698



10.0873, 0.3280, 0.3277



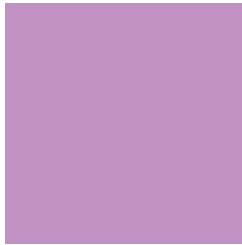
7.5615, 0.6328, 0.3259



0.3301, 0.6070, 0.3118

Previews

White Background



This preview shows how the Yxy color 35.5738, 0.3128, 0.2644 looks on a white background.

Color Contrast Check

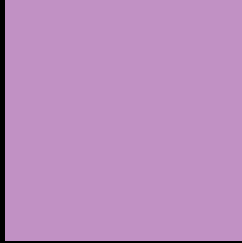
Large Text (above 18pt) WCAG AA × Fail

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 35.5738, 0.3128, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

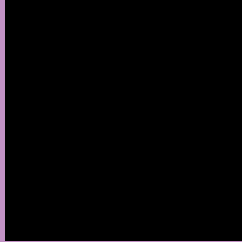
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5738, 0.3128, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 35.5738, 0.3128, 0.2644.



This preview shows how white text looks on a background with the Yxy color 35.5738, 0.3128, 0.2644.

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

35.5738, 0.3128, 0.2644

Protanopia

35.6421, 0.2663, 0.2641

Deuteranopia

35.9258, 0.2850, 0.2793



Tritanopia

35.4689, 0.3389, 0.3129

Trichromacy



Original Color

35.5738, 0.3128, 0.2644

Protanomaly

35.3748, 0.2820, 0.2643

Deuteranomaly

35.6068, 0.2947, 0.2727

Tritanomaly

35.5372, 0.3294, 0.2947

Monochromacy



Original Color

35.5738, 0.3128, 0.2644

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7023, 0.3129, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5738, 0.3128, 0.2644 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(193, 145, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 196)  
}
```

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(193, 145, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 196) }
```

Border

The CSS property to change the border of an element to Yxy 35.5738, 0.3128, 0.2644 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(193, 145, 196) }
```

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

```
.border{ border-color:rgb(193, 145, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 196);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5738, 0.3128, 0.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 196) }
```

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

```
.background{ background-color: rgb(193,  
145, 196) }
```

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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