

Converting Colors

$Y_{xy}(35.1065, 0.3052, 0.2179)$

Have a look what the booklet for
Yxy(35.1065, 0.3052, 0.2179)
contains.

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Color

Yxy(35.0209, 0.3054, 0.2175)

Conversions

Conversions Part 1

Format	Color
Hex	D67FE3
RGB	214, 127, 227
RGB Percent	84%, 50%, 89%
CMY	0.1609, 0.5018, 0.1099
CMYK	0.06, 0.44, 0.00, 0.11
HSL	292°, 64%, 69%
HSV	292°, 44%, 89%
XYZ	49.1742, 35.0209, 76.8206
YIQ	164.4130, 19.7520, 49.5440

Conversions

Conversions Part 2

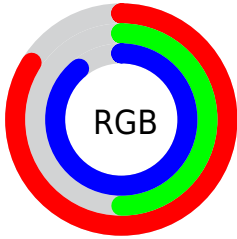
Format	Color
R _Y B	214, 127, 227
Decimal	14057443
CIE Lab	65.76, 48.96, -37.07
CIE LCh	66, 61.411, 322.865
Yxy	35.0209, 0.3054, 0.2175
Android (android.graphics.Color)	4292247523 (0xFFD67FE3)
YUV	164.4130, 30.8554, 43.4878
Hunter-Lab	59.1785, 44.7618, -35.5404

Details

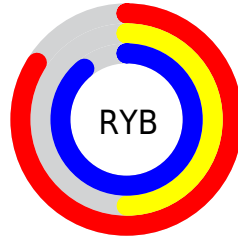
The Yxy color **35.0209, 0.3054, 0.2175** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62.0357, 0.3143, 0.4630**, and the grayscale version is **37.1766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9359, 0.3161, 0.2575**, and **15.0059, 0.3005, 0.1902** is the 20% darker color. If you saturate the color by 10%, you get **29.3629, 0.3028, 0.1945**, and if you desaturate by 10%, it is **42.0105, 0.3077, 0.2424**.

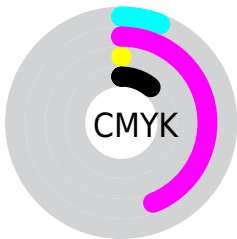
Distribution



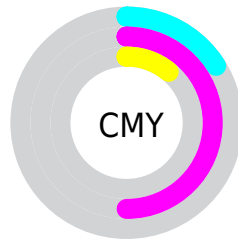
- Red (84%)
- Green (50%)
- Blue (89%)



- Red (84%)
- Yellow (50%)
- Blue (89%)



- Cyan (6%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)




- Cyan (16%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0209, 0.3054, 0.2175 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 35.0209, 0.3054, 0.2175 by changing the saturation by 10% instead.

 35.0209, 0.3054,
0.2175


 35.0209, 0.3054,
0.2175


324.6606, 0.3110,
0.2701

 23.6790, 0.3035,
0.2055


 67.5181, 0.3079,
0.2358

 15.0957, 0.3007,
0.1907


 89.4423, 0.3087,
0.2429

 8.8865, 0.2966,
0.1721


 115.6625, 0.3093,
0.2490

 4.6673, 0.2902,
0.1483

146.5634, 0.3098,
0.2543

 2.0534, 0.2794,
0.1175

182.5293, 0.3102,
0.2590

 0.6382, 0.2603,
0.0751


223.9445, 0.3105,


 0.0000, 0.2259,


0.2631

0.0000


271.1934, 0.3108,
0.2668

 0.0000, 0.0000,
0.0000


 35.0209, 0.3054,
0.2175


 35.0209, 0.3054,
0.2175


 29.3629, 0.3028,
0.1945

 42.0105, 0.3077,
0.2424

 24.9423, 0.2998,
0.1744


 50.4086, 0.3096,
0.2683

 21.6594, 0.2966,
0.1581


 60.2916, 0.3111,
0.2941


 19.3975, 0.2932,
0.1462

 71.7291, 0.3123,
0.3192

 18.0142, 0.2898,
0.1388

 84.7862, 0.3132,
0.3431

 17.4720, 0.2878,
0.1359

 94.1687, 0.3143,
0.3575

 94.6665, 0.3162,
0.3573

 95.1727, 0.3180,
0.3572

 95.6873, 0.3199,
0.3570

Harmonies

Analogous

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



35.0209, 0.2245, 0.1940



35.0209, 0.3054, 0.2175



35.0209, 0.4026, 0.2625

Triad

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



35.0209, 0.3054, 0.2175



35.0209, 0.4580, 0.4519



35.0209, 0.1702, 0.3028

Complementary

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



35.0209, 0.3054, 0.2175



62.0357, 0.3143, 0.4630

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.



35.0209, 0.2187, 0.4066



35.0209, 0.3054, 0.2175



35.0209, 0.3844, 0.4991

Square

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



35.0209, 0.3054, 0.2175



35.0209, 0.4962, 0.3867



35.0209, 0.2971, 0.4895



35.0209, 0.1568, 0.2302

Rectangle

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



35.0209, 0.3054, 0.2175



35.0209, 0.4579, 0.3009



35.0209, 0.2971, 0.4895



35.0209, 0.1824, 0.3354

Sweetspot

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



35.0224, 0.3054, 0.2175



79.8335, 0.3113, 0.2965



28.9205, 0.2331, 0.2103



16.4299, 0.3110, 0.2908



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.



35.0224, 0.3054, 0.2175



38.6911, 0.3029, 0.1960



35.2461, 0.3547, 0.2573



14.5151, 0.3117, 0.3057



10.2289, 0.2883, 0.1362



0.7825, 0.2934, 0.1390

Inverse Universe

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



33.4088, 0.4137, 0.3141



36.4758, 0.4483, 0.3116



62.1065, 0.2865, 0.4149



14.3984, 0.3272, 0.3260



9.5871, 0.6229, 0.3205



0.7184, 0.5900, 0.3024

Previews

White Background



This preview shows how the Yxy color 35.0209, 0.3054, 0.2175 looks on a white background.

Color Contrast Check

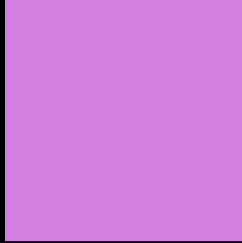
Large Text (above 18pt) WCAG AA × Fail

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 35.0209, 0.3054, 0.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

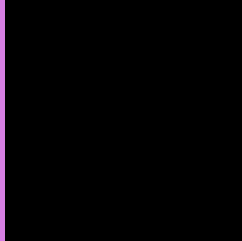
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0209, 0.3054, 0.2175

Background



This preview shows how black text looks on a background with the Yxy color 35.0209, 0.3054, 0.2175.



This preview shows how white text looks on a background with the Yxy color 35.0209, 0.3054, 0.2175.

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

35.0209, 0.3054, 0.2175

Protanopia

35.5022, 0.2233, 0.2082

Deuteranopia

35.2496, 0.2495, 0.2437



Tritanopia

34.8154, 0.3669, 0.3150

Trichromacy



Original Color

35.0209, 0.3054, 0.2175



Protanomaly

34.1969, 0.2464, 0.2087



Deuteranomaly

34.4106, 0.2673, 0.2318



Tritanomaly

34.6374, 0.3435, 0.2748

Monochromacy



Original Color

35.0209, 0.3054, 0.2175



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.6662, 0.3101, 0.2812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0209, 0.3054, 0.2175 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(214, 127, 227)` looks like.

```
.text, #text, p{  
    color:rgb(214, 127, 227)  
}
```

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(214, 127, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 127, 227) }
```

Border

The CSS property to change the border of an element to Yxy 35.0209, 0.3054, 0.2175 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(214, 127, 227) }
```

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

```
.border{ border-color:rgb(214, 127, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 127, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 127, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 127, 227);  
box-shadow:4px 4px 4px 4px rgb(214, 127,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0209, 0.3054, 0.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 127, 227) }
```

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

```
.background{ background-color: rgb(214,  
127, 227) }
```

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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