

Converting Colors

$Y_{xy}(35.7523, 0.3459, 0.2614)$

Have a look what the booklet for
Yxy(35.7523, 0.3459, 0.2614)
contains.

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Color

Yxy(35.7523, 0.3459, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	DC85BF
RGB	220, 133, 191
RGB Percent	86%, 52%, 75%
CMY	0.1372, 0.4784, 0.2509
CMYK	0.00, 0.40, 0.13, 0.14
HSL	320°, 55%, 69%
HSV	320°, 40%, 86%
XYZ	47.3096, 35.7523, 53.7105
YIQ	165.6250, 33.2340, 36.4820

Conversions

Conversions Part 2

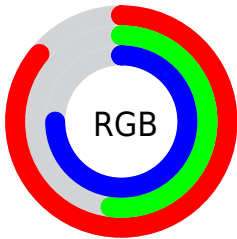
Format	Color
R _Y B	220, 133, 191
Decimal	14452159
CIE Lab	66.33, 41.38, -16.08
CIE LCh	66, 44.396, 338.768
Yxy	35.7523, 0.3459, 0.2614
Android (android.graphics.Color)	4292642239 (0xFFDC85BF)
YUV	165.6250, 12.5099, 47.6869
Hunter-Lab	59.7932, 36.5945, -11.4032

Details

The Yxy color **35.7523, 0.3459, 0.2614** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7834, 0.2904, 0.4085**, and the grayscale version is **37.8707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9418, 0.3217, 0.2706**, and **15.5064, 0.3537, 0.2423** is the 20% darker color. If you saturate the color by 10%, you get **30.0330, 0.3577, 0.2451**, and if you desaturate by 10%, it is **42.7526, 0.3355, 0.2787**.

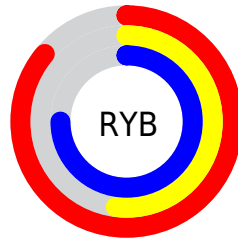
Distribution



Red (86%)

Green (52%)

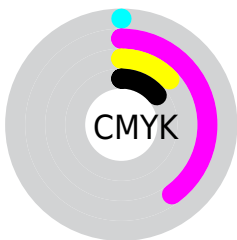
Blue (75%)



Red (86%)

Yellow (52%)

Blue (75%)

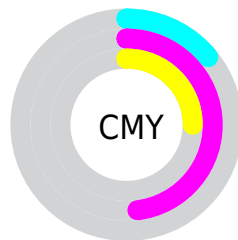


Cyan (0%)

Magenta (40%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (48%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7523, 0.3459, 0.2614 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 35.7523, 0.3459, 0.2614 by changing the saturation by 10% instead.


 35.7523, 0.3459,
0.2614


 35.7523, 0.3459,
0.2614


327.8766, 0.3295,
0.2947


 24.2430, 0.3499,
0.2533


 68.6496, 0.3400,
0.2733

 15.5139, 0.3550,
0.2430


 90.8063, 0.3378,
0.2779

 9.1809, 0.3617,
0.2296


 117.2809, 0.3359,
0.2817

 4.8593, 0.3707,
0.2113

148.4579, 0.3343,
0.2850

 2.1650, 0.3838,
0.1851

184.7215, 0.3329,
0.2879

 0.7008, 0.4049,
0.1431

226.4562, 0.3316,

 0.0000, 0.4779,

0.2904

0.0000

274.0465, 0.3305,
0.2927

0.0000, 0.0000,
0.0000

35.7523, 0.3459,
0.2614

35.7523, 0.3459,
0.2614

30.0330, 0.3577,
0.2451

42.7526, 0.3355,
0.2787

25.5100, 0.3707,
0.2309

51.1016, 0.3266,
0.2962

22.0965, 0.3847,
0.2197


60.8683, 0.3189,
0.3133

19.6913, 0.3993,
0.2128


72.1153, 0.3124,
0.3297

18.1749, 0.4139,
0.2108


84.9017, 0.3070,
0.3451

 17.3463, 0.4281,
0.2134

 92.7342, 0.3026,
0.3496

 17.3142, 0.4288,
0.2136

 93.1666, 0.2986,
0.3419

 93.6166, 0.2946,
0.3344

 93.9564, 0.2917,
0.3289

Harmonies

Analogous

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



35.7523, 0.2780, 0.2333



35.7523, 0.3459, 0.2614



35.7523, 0.4100, 0.3041

Triad

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



35.7523, 0.3459, 0.2614



35.7523, 0.3976, 0.4432



35.7523, 0.1962, 0.2809

Complementary

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



35.7523, 0.3459, 0.2614



58.7834, 0.2904, 0.4085

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.



35.7523, 0.2212, 0.3458



35.7523, 0.3459, 0.2614



35.7523, 0.3360, 0.4515

Square

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



35.7523, 0.3459, 0.2614



35.7523, 0.4390, 0.4044



35.7523, 0.2714, 0.4142



35.7523, 0.1982, 0.2397

Rectangle

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



35.7523, 0.3459, 0.2614



35.7523, 0.4378, 0.3371



35.7523, 0.2714, 0.4142



35.7523, 0.2015, 0.3004

Sweetspot

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



35.7540, 0.3459, 0.2614



81.3674, 0.3207, 0.3090



29.4730, 0.2623, 0.2153



17.0211, 0.3217, 0.3068



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.



35.7540, 0.3459, 0.2614



43.5401, 0.3550, 0.2485



34.1597, 0.3931, 0.3100



13.1973, 0.3188, 0.3135



10.1825, 0.4267, 0.2124



0.6754, 0.4051, 0.2005

Inverse Universe

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



35.7540, 0.3459, 0.2614



43.5401, 0.3550, 0.2485



60.5377, 0.2667, 0.3497



13.1973, 0.3188, 0.3135



10.1825, 0.4267, 0.2124



0.6754, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 35.7523, 0.3459, 0.2614 looks on a white background.

Color Contrast Check

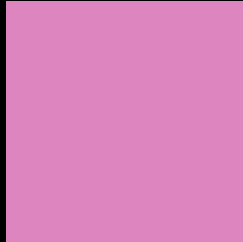
Large Text (above 18pt) WCAG AA × Fail

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 35.7523, 0.3459, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

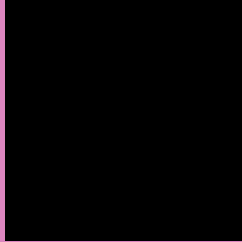
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7523, 0.3459, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 35.7523, 0.3459, 0.2614.



This preview shows how white text looks on a background with the Yxy color 35.7523, 0.3459, 0.2614.

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

35.7523, 0.3459, 0.2614

Protanopia

36.1843, 0.2637, 0.2607

Deuteranopia

36.0409, 0.2942, 0.2888



Tritanopia

35.7312, 0.3825, 0.3169

Trichromacy



Original Color

35.7523, 0.3459, 0.2614

Protanomaly

35.2384, 0.2898, 0.2594

Deuteranomaly

35.4400, 0.3122, 0.2778

Tritanomaly

35.6818, 0.3688, 0.2952

Monochromacy



Original Color

35.7523, 0.3459, 0.2614

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.6455, 0.3248, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7523, 0.3459, 0.2614 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(220, 133, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 133, 191)  
}
```

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(220, 133, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 133, 191) }
```

Border

The CSS property to change the border of an element to Yxy 35.7523, 0.3459, 0.2614 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(220, 133, 191) }
```

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

```
.border{ border-color:rgb(220, 133, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 133, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 133, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 133, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 133,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7523, 0.3459, 0.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 133, 191) }
```

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

```
.background{ background-color: rgb(220,  
133, 191) }
```

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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