

Converting Colors

$Y_{xy}(35.7265, 0.3532, 0.2702)$

Have a look what the booklet for
Yxy(35.7265, 0.3532, 0.2702)
contains.

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Color

Yxy(35.7265, 0.3532, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	DC86B8
RGB	220, 134, 184
RGB Percent	86%, 53%, 72%
CMY	0.1371, 0.4746, 0.2783
CMYK	0.00, 0.39, 0.16, 0.14
HSL	325°, 55%, 69%
HSV	325°, 39%, 86%
XYZ	46.7010, 35.7265, 49.7950
YIQ	165.4140, 35.2060, 33.7820

Conversions

Conversions Part 2

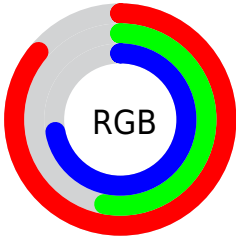
Format	Color
R _{YB}	220, 134, 184
Decimal	14452408
CIE _{Lab}	66.31, 39.76, -12.17
CIE _{LCh}	66, 41.583, 342.976
Yxy	35.7265, 0.3532, 0.2702
Android (android.graphics.Color)	4292642488 (0xFFDC86B8)
YUV	165.4140, 9.1629, 47.8719
Hunter-Lab	59.7716, 34.8658, -7.5536

Details

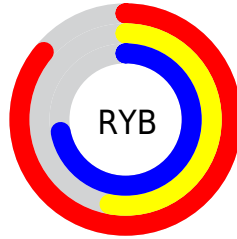
The Yxy color **35.7265, 0.3532, 0.2702** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.1720, 0.2864, 0.3970**, and the grayscale version is **37.7792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9465, 0.3269, 0.2781**, and **15.4598, 0.3645, 0.2536** is the 20% darker color. If you saturate the color by 10%, you get **29.8927, 0.3682, 0.2557**, and if you desaturate by 10%, it is **42.8539, 0.3402, 0.2855**.

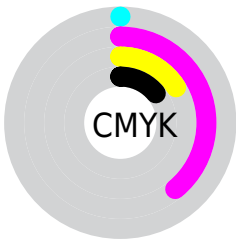
Distribution



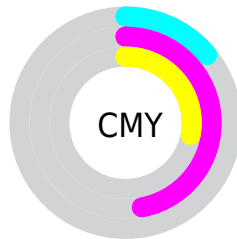
- Red (86%)
- Green (53%)
- Blue (72%)



- Red (86%)
- Yellow (53%)
- Blue (72%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7265, 0.3532, 0.2702 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 35.7265, 0.3532, 0.2702 by changing the saturation by 10% instead.

 35.7265, 0.3532,
0.2702


 35.7265, 0.3532,
0.2702


327.7635, 0.3328,
0.2994

 24.2230, 0.3583,
0.2630


 68.6097, 0.3458,
0.2808

 15.4992, 0.3650,
0.2538


 90.7583, 0.3430,
0.2848

 9.1704, 0.3738,
0.2416


 117.2240, 0.3406,
0.2881

 4.8525, 0.3862,
0.2248

148.3912, 0.3386,
0.2910

 2.1610, 0.4047,
0.2004

184.6444, 0.3369,
0.2935

 0.6986, 0.4364,
0.1597

226.3679, 0.3353,


 0.0000, 0.5890,

0.2958

0.0000


273.9462, 0.3340,
0.2977


 0.0000, 0.0000,
0.0000


 35.7265, 0.3532,
0.2702

 35.7265, 0.3532,
0.2702


 29.8927, 0.3682,
0.2557


 42.8539, 0.3402,
0.2855

 25.2681, 0.3850,
0.2431

 51.3428, 0.3292,
0.3010

 21.7657, 0.4035,
0.2334


 61.2619, 0.3199,
0.3160

 19.2851, 0.4230,
0.2280

 72.6742, 0.3121,
0.3302

 17.7072, 0.4427,
0.2276

 85.6387, 0.3056,
0.3436

 16.8424, 0.4619,
0.2323

 92.9885, 0.3003,
0.3451

 16.7780, 0.4636,
0.2328

 93.5475, 0.2952,
0.3356

 93.9606, 0.2917,
0.3289

Harmonies

Analogous

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



35.7265, 0.2886, 0.2411



35.7265, 0.3532, 0.2702



35.7265, 0.4105, 0.3123

Triad

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



35.7265, 0.3532, 0.2702



35.7265, 0.3858, 0.4397



35.7265, 0.2014, 0.2773

Complementary

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



35.7265, 0.3532, 0.2702



59.1720, 0.2864, 0.3970

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.



35.7265, 0.2218, 0.3357



35.7265, 0.3532, 0.2702



35.7265, 0.3264, 0.4409

Square

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



35.7265, 0.3532, 0.2702



35.7265, 0.4279, 0.4069



35.7265, 0.2664, 0.4004



35.7265, 0.2067, 0.2415

Rectangle

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



35.7265, 0.3532, 0.2702



35.7265, 0.4334, 0.3441



35.7265, 0.2664, 0.4004



35.7265, 0.2053, 0.2946

Sweetspot

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



35.7282, 0.3532, 0.2702



81.2091, 0.3225, 0.3115



30.7428, 0.2706, 0.2190



16.9838, 0.3237, 0.3096



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.



35.7282, 0.3532, 0.2702



43.0303, 0.3655, 0.2581



34.1941, 0.4019, 0.3206



13.1779, 0.3201, 0.3155



9.8664, 0.4608, 0.2312



0.6562, 0.4319, 0.2153

Inverse Universe

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



35.7282, 0.3532, 0.2702



43.0303, 0.3655, 0.2581



61.0671, 0.2625, 0.3381



13.1779, 0.3201, 0.3155



9.8664, 0.4608, 0.2312



0.6562, 0.4319, 0.2153

Previews

White Background



This preview shows how the Yxy color 35.7265, 0.3532, 0.2702 looks on a white background.

Color Contrast Check

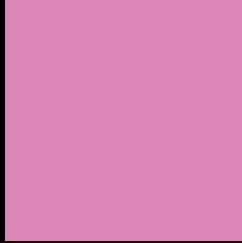
Large Text (above 18pt) WCAG AA × Fail

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 35.7265, 0.3532, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

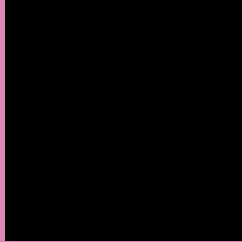
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7265, 0.3532, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 35.7265, 0.3532, 0.2702.



This preview shows how white text looks on a background with the Yxy color 35.7265, 0.3532, 0.2702.

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

35.7265, 0.3532, 0.2702

Protanopia

36.0813, 0.2716, 0.2709

Deuteranopia

35.8442, 0.3038, 0.2970



Tritanopia

35.5895, 0.3839, 0.3157

Trichromacy



Original Color

35.7265, 0.3532, 0.2702



Protanomaly

35.4205, 0.2984, 0.2706



Deuteranomaly

35.5225, 0.3216, 0.2869



Tritanomaly

35.5730, 0.3722, 0.2988

Monochromacy



Original Color

35.7265, 0.3532, 0.2702



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.4040, 0.3267, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7265, 0.3532, 0.2702 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, 134, 184)` looks like.

```
.text, #text, p{  
    color:rgb(220, 134, 184)  
}
```

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, 134, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 134, 184) }
```

Border

The CSS property to change the border of an element to Yxy 35.7265, 0.3532, 0.2702 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, 134, 184) }
```

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

```
.border{ border-color:rgb(220, 134, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 134, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 134, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 134, 184);  
box-shadow:4px 4px 4px 4px rgb(220, 134,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7265, 0.3532, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 134, 184) }
```

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

```
.background{ background-color: rgb(220,  
134, 184) }
```

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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