

Converting Colors

$Y_{xy}(35.1504, 0.3738, 0.2904)$

Have a look what the booklet for
Yxy(35.1504, 0.3738, 0.2904)
contains.

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Color

Yxy(35.1755, 0.3741, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	DD86A6
RGB	221, 134, 166
RGB Percent	87%, 53%, 65%
CMY	0.1334, 0.4744, 0.3490
CMYK	0.00, 0.39, 0.25, 0.13
HSL	338°, 56%, 70%
HSV	338°, 39%, 87%
XYZ	45.2205, 35.1755, 40.4820
YIQ	163.6610, 41.5800, 28.3960

Conversions

Conversions Part 2

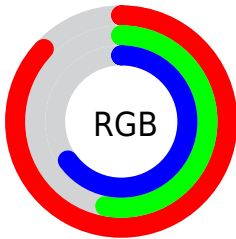
Format	Color
R_{YB}	221, 134, 166
Decimal	14517926
CIE _{Lab}	65.89, 37.38, -2.63
CIE _{LCh}	66, 37.473, 355.973
Yxy	35.1755, 0.3741, 0.2910
Android (android.graphics.Color)	4292708006 (0xFFDD86A6)
YUV	163.6610, 1.1531, 50.2863
Hunter-Lab	59.3089, 32.3078, 1.0471

Details

The Yxy color **35.1755, 0.3741, 0.2910** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.4424, 0.2757, 0.3714**, and the grayscale version is **36.9361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4469, 0.3419, 0.2954**, and **15.1420, 0.3940, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **29.2075, 0.3981, 0.2818**, and if you desaturate by 10%, it is **42.4788, 0.3539, 0.3009**.

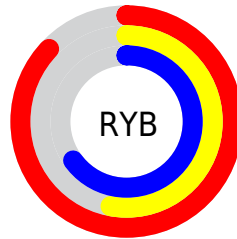
Distribution



Red (87%)

Green (53%)

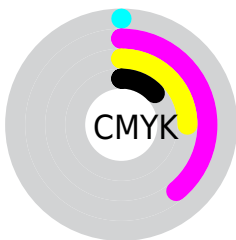
Blue (65%)



Red (87%)

Yellow (53%)

Blue (65%)

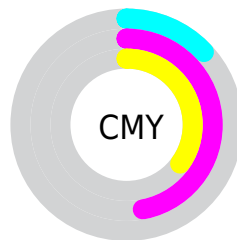


Cyan (0%)

Magenta (39%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1755, 0.3741, 0.2910 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 35.1755, 0.3741, 0.2910 by changing the saturation by 10% instead.


 35.1755, 0.3741,
0.2910


 35.1755, 0.3741,
0.2910


325.3423, 0.3422,
0.3106

 23.7981, 0.3825,
0.2859


 67.7576, 0.3622,
0.2982

 15.1839, 0.3935,
0.2793


 89.7310, 0.3578,
0.3009

 8.9486, 0.4085,
0.2703


 116.0052, 0.3542,
0.3032

 4.7076, 0.4304,
0.2575

146.9647, 0.3510,
0.3051

 2.0768, 0.4647,
0.2376

182.9937, 0.3484,
0.3068

 0.6515, 0.5293,
0.1985

224.4767, 0.3460,


 0.0000, 1.0000,


0.3082

0.0000


271.7981, 0.3440,
0.3095

 0.0000, 0.0000,
0.0000


 35.1755, 0.3741,
0.2910


 35.1755, 0.3741,
0.2910


 29.2075, 0.3981,
0.2818


 42.4788, 0.3539,
0.3009

 24.4877, 0.4259,
0.2742


 51.1871, 0.3371,
0.3109


 20.9270, 0.4570,
0.2693


 61.3714, 0.3233,
0.3205


 18.4216, 0.4898,
0.2686


 73.0964, 0.3120,
0.3296


 16.8494, 0.5222,
0.2729

 86.4229, 0.3028,
0.3380

 16.0110, 0.5518,
0.2818

 93.7789, 0.2951,
0.3342

 15.9660, 0.5537,
0.2824

 94.1079, 0.2923,
0.3289

Harmonies

Analogous

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



35.1755, 0.3160, 0.2582



35.1755, 0.3741, 0.2910



35.1755, 0.4163, 0.3332

Triad

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



35.1755, 0.3741, 0.2910



35.1755, 0.3575, 0.4339



35.1755, 0.2099, 0.2654

Complementary

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



35.1755, 0.3741, 0.2910



60.4424, 0.2757, 0.3714

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.



35.1755, 0.2186, 0.3108



35.1755, 0.3741, 0.2910



35.1755, 0.3013, 0.4179

Square

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



35.1755, 0.3741, 0.2910



35.1755, 0.4042, 0.4159



35.1755, 0.2508, 0.3692



35.1755, 0.2249, 0.2420

Rectangle

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



35.1755, 0.3741, 0.2910



35.1755, 0.4274, 0.3632



35.1755, 0.2508, 0.3692



35.1755, 0.2101, 0.2782

Sweetspot

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



35.1772, 0.3741, 0.2910



80.8226, 0.3268, 0.3179



32.9210, 0.2860, 0.2229



16.8930, 0.3286, 0.3167



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.



35.1772, 0.3741, 0.2910



41.8937, 0.3931, 0.2835



37.0865, 0.4062, 0.3415



13.1303, 0.3234, 0.3204



9.2975, 0.5496, 0.2801



0.6186, 0.5048, 0.2555

Inverse Universe

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



35.1772, 0.3741, 0.2910



41.8937, 0.3931, 0.2835



56.7924, 0.2565, 0.3158



13.1303, 0.3234, 0.3204



9.2975, 0.5496, 0.2801



0.6186, 0.5048, 0.2555

Previews

White Background



This preview shows how the Yxy color 35.1755, 0.3741, 0.2910 looks on a white background.

Color Contrast Check

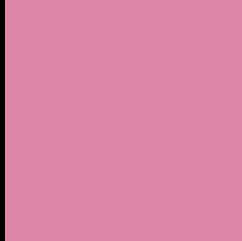
Large Text (above 18pt) WCAG AA × Fail

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 35.1755, 0.3741, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

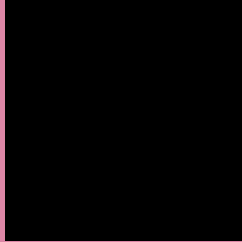
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1755, 0.3741, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 35.1755, 0.3741, 0.2910.



This preview shows how white text looks on a background with the Yxy color 35.1755, 0.3741, 0.2910.

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

35.1755, 0.3741, 0.2910

Protanopia

35.3418, 0.2912, 0.2962

Deuteranopia

35.1653, 0.3261, 0.3192



Tritanopia

35.0895, 0.3916, 0.3159

Trichromacy



Original Color

35.1755, 0.3741, 0.2910

Protanomaly

34.6506, 0.3184, 0.2937

Deuteranomaly

34.7182, 0.3438, 0.3078

Tritanomaly

35.1905, 0.3850, 0.3063

Monochromacy



Original Color

35.1755, 0.3741, 0.2910

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.8134, 0.3335, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1755, 0.3741, 0.2910 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(221, 134, 166)` looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 166)  
}
```

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(221, 134, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.1755, 0.3741, 0.2910 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(221, 134, 166) }
```

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

```
.border{ border-color:rgb(221, 134, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 134, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 166);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1755, 0.3741, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 166) }
```

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

```
.background{ background-color: rgb(221,  
134, 166) }
```

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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