

Converting Colors

$Y_{xy}(42.1877, 0.3288, 0.2625)$

Have a look what the booklet for
Yxy(42.1877, 0.3288, 0.2625)
contains.

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Color

Yxy(42.1041, 0.3290, 0.2621)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DF96D1 |
| RGB | 223, 150, 209 |
| RGB Percent | 87%, 59%, 82% |
| CMY | 0.1255, 0.4118, 0.1802 |
| CMYK | 0.00, 0.33, 0.06, 0.13 |
| HSL | 311°, 53%, 73% |
| HSV | 311°, 33%, 87% |
| XYZ | 52.8510, 42.1041, 65.6863 |
| YIQ | 178.5530, 24.5690, 33.8250 |

Conversions

Conversions Part 2

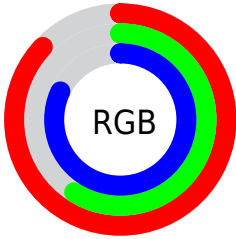
| Format | Color |
|-------------------------------------|--|
| RYB | 223, 150, 209 |
| Decimal | 14653137 |
| CIELab | 70.94, 36.40, -19.09 |
| CIElCh | 71, 41.107, 332.326 |
| Yxy | 42.1041, 0.3290, 0.2621 |
| Android (android.graphics.Color) | 4292843217 (0xFFDF96D1) |
| YUV | 178.5530, 15.0104, 38.9800 |
| Hunter-Lab | 64.8877, 31.8348, -14.5983 |

Details

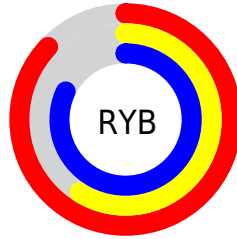
The Yxy color $42.1041, 0.3290, 0.2621$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.9413, 0.2999, 0.4068$, and the grayscale version is $44.7398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1426, 0.3150, 0.2801$, and $19.2839, 0.3336, 0.2462$ is the 20% darker color. If you saturate the color by 10%, you get $35.4449, 0.3354, 0.2421$, and if you desaturate by 10%, it is $50.1270, 0.3233, 0.2828$.

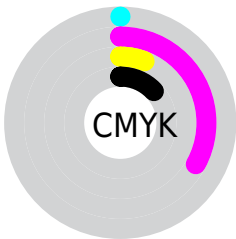
Distribution



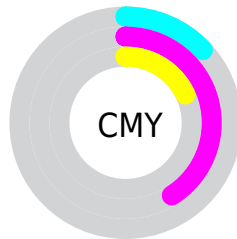
- Red (87%)
- Green (59%)
- Blue (82%)



- Red (87%)
- Yellow (59%)
- Blue (82%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1041, 0.3290, 0.2621 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 42.1041, 0.3290, 0.2621 by changing the saturation by 10% instead.


 42.1041, 0.3290,
0.2621

 42.1041, 0.3290,
0.2621


354.9143, 0.3216,
0.2942

 29.1828, 0.3306,
0.2545


 78.3572, 0.3265,
0.2734

 19.2192, 0.3326,
0.2450


 102.4577, 0.3255,
0.2778

 11.8287, 0.3351,
0.2328


131.0535, 0.3246,
0.2815

 6.6272, 0.3382,
0.2166

164.5288, 0.3238,
0.2847

 3.2301, 0.3421,
0.1940

203.2682, 0.3232,
0.2875

 1.2530, 0.3467,
0.1610

247.6560, 0.3226,

 0.1044, 0.3782,

0.2900

0.0396

298.0765, 0.3220,
0.2922

0.0000, 0.0000,
0.0000

42.1041, 0.3290,
0.2621

42.1041, 0.3290,
0.2621

35.4449, 0.3354,
0.2421

50.1270, 0.3233,
0.2828

30.0666, 0.3423,
0.2237

59.5789, 0.3182,
0.3035

25.8863, 0.3497,
0.2080


70.5278, 0.3138,
0.3237


22.8089, 0.3572,
0.1958

83.0355, 0.3100,
0.3428

20.7250, 0.3647,
0.1881

92.9429, 0.3070,
0.3543


 19.5023, 0.3719,
0.1849

 93.1861, 0.3046,
0.3499

 18.9979, 0.3769,
0.1850

 93.4353, 0.3022,
0.3454

 93.6903, 0.2999,
0.3410

 93.9514, 0.2976,
0.3366

Harmonies

Analogous

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



42.1041, 0.2709, 0.2402



42.1041, 0.3290, 0.2621



42.1041, 0.3875, 0.2984

Triad

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



42.1041, 0.3290, 0.2621



42.1041, 0.3983, 0.4247



42.1041, 0.2118, 0.2984

Complementary

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



42.1041, 0.3290, 0.2621



61.9413, 0.2999, 0.4068

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.



42.1041, 0.2399, 0.3576



42.1041, 0.3290, 0.2621



42.1041, 0.3467, 0.4373

Square

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



42.1041, 0.3290, 0.2621



42.1041, 0.4283, 0.3882



42.1041, 0.2887, 0.4127



42.1041, 0.2082, 0.2562

Rectangle

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



42.1041, 0.3290, 0.2621



42.1041, 0.4160, 0.3276



42.1041, 0.2887, 0.4127



42.1041, 0.2185, 0.3169

Sweetspot

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



42.1060, 0.3290, 0.2621



84.4854, 0.3170, 0.3090



34.9668, 0.2647, 0.2349



17.6528, 0.3176, 0.3061



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.



42.1060, 0.3290, 0.2621



50.9407, 0.3331, 0.2489



40.5224, 0.3642, 0.3018



13.8883, 0.3167, 0.3102



11.1858, 0.3759, 0.1845



0.7871, 0.3659, 0.1789

Inverse Universe

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



42.1060, 0.3290, 0.2621



50.9407, 0.3331, 0.2489



63.4271, 0.2789, 0.3583



13.8883, 0.3167, 0.3102



11.1858, 0.3759, 0.1845



0.7871, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 42.1041, 0.3290, 0.2621 looks on a white background.

Color Contrast Check

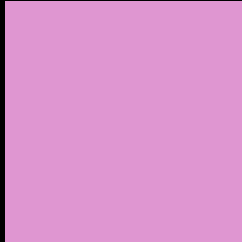
Large Text (above 18pt) WCAG AA × Fail

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 42.1041, 0.3290, 0.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

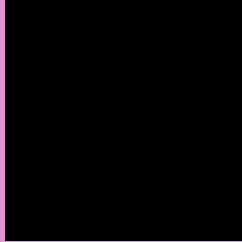
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1041, 0.3290, 0.2621

Background



This preview shows how black text looks on a background with the Yxy color 42.1041, 0.3290, 0.2621.



This preview shows how white text looks on a background with the Yxy color 42.1041, 0.3290, 0.2621.

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

42.1041, 0.3290, 0.2621

Protanopia

42.4149, 0.2638, 0.2611

Deuteranopia

42.3873, 0.2899, 0.2838



Tritanopia

42.2614, 0.3604, 0.3147

Trichromacy



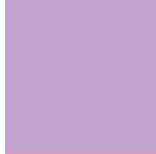
Original Color

42.1041, 0.3290, 0.2621



Protanomaly

41.7327, 0.2850, 0.2608



Deuteranomaly

41.9881, 0.3036, 0.2757



Tritanomaly

42.1190, 0.3492, 0.2948

Monochromacy



Original Color

42.1041, 0.3290, 0.2621



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.3251, 0.3185, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1041, 0.3290, 0.2621 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(223, 150, 209)` looks like.

```
.text, #text, p{  
    color:rgb(223, 150, 209)  
}
```

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(223, 150, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 150, 209) }
```

Border

The CSS property to change the border of an element to Yxy 42.1041, 0.3290, 0.2621 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(223, 150, 209) }
```

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

```
.border{ border-color:rgb(223, 150, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 150, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 150, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 150, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 150,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1041, 0.3290, 0.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 150, 209) }
```

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

```
.background{ background-color: rgb(223,  
150, 209) }
```

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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