

Converting Colors

$Y_{xy}(36.0549, 0.3703, 0.3037)$

Have a look what the booklet for
Yxy(36.0549, 0.3703, 0.3037)
contains.

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Color

Yxy(36.1055, 0.3703, 0.3034)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D78DA2 |
| RGB | 215, 141, 162 |
| RGB Percent | 84%, 55%, 64% |
| CMY | 0.1569, 0.4470, 0.3647 |
| CMYK | 0.00, 0.34, 0.25, 0.16 |
| HSL | 343°, 48%, 70% |
| HSV | 343°, 34%, 84% |
| XYZ | 44.0668, 36.1055, 38.8307 |
| YIQ | 165.5200, 37.3630, 22.2190 |

Conversions

Conversions Part 2

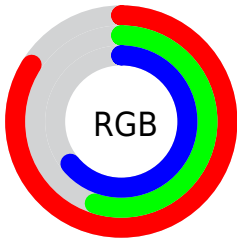
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 141, 162 |
| Decimal | 14126498 |
| CIE Lab | 66.60, 30.95, 0.58 |
| CIE LCh | 67, 30.954, 1.082 |
| Yxy | 36.1055, 0.3703, 0.3034 |
| Android (android.graphics.Color) | 4292316578 (0xFFD78DA2) |
| YUV | 165.5200, -1.7354, 43.3940 |
| Hunter-Lab | 60.0879, 25.7533, 3.7464 |

Details

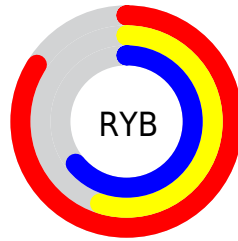
The Yxy color **36.1055, 0.3703, 0.3034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1498, 0.2761, 0.3566**, and the grayscale version is **37.8859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3000, 0.3441, 0.3066**, and **15.8090, 0.3898, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **29.8555, 0.3957, 0.2960**, and if you desaturate by 10%, it is **43.6564, 0.3493, 0.3111**.

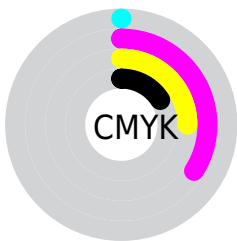
Distribution



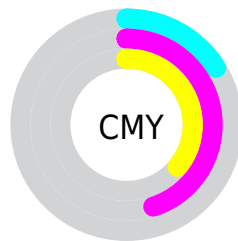
- Red (84%)
- Green (55%)
- Blue (64%)



- Red (84%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1055, 0.3703, 0.3034 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 36.1055, 0.3703, 0.3034 by changing the saturation by 10% instead.


 36.1055, 0.3703,
0.3034


 36.1055, 0.3703,
0.3034


329.4214, 0.3403,
0.3168


 24.5157, 0.3782,
0.2999


 69.1949, 0.3591,
0.3084

 15.7166, 0.3886,
0.2952


 91.4632, 0.3550,
0.3103

 9.3238, 0.4029,
0.2888


 118.0599, 0.3515,
0.3118

 4.9530, 0.4237,
0.2794

149.3692, 0.3486,
0.3131

 2.2197, 0.4566,
0.2644

185.7756, 0.3461,
0.3142

 0.7307, 0.5198,
0.2362

227.6636, 0.3439,


 0.0000, 1.0000,


0.3152


0.0000

275.4174, 0.3420,
0.3160


 0.0000, 0.0000,
0.0000


 36.1055, 0.3703,
0.3034


 36.1055, 0.3703,
0.3034


 29.8555, 0.3957,
0.2960


 43.6564, 0.3493,
0.3111

 24.8275, 0.4257,
0.2896


 52.5712, 0.3320,
0.3187


 20.9417, 0.4599,
0.2851

 62.9147, 0.3180,
0.3260

 18.1069, 0.4970,
0.2838

 74.7463, 0.3066,
0.3327

 16.2174, 0.5342,
0.2867

 88.1218, 0.2974,
0.3389

■ 15.1452, 0.5678,
0.2941

■ 93.1449, 0.2892,
0.3296

■ 14.7811, 0.5844,
0.2993

■ 93.1842, 0.2888,
0.3289

Harmonies

Analogous

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



36.1055, 0.3241, 0.2737



36.1055, 0.3703, 0.3034



36.1055, 0.4009, 0.3400

Triad

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



36.1055, 0.3703, 0.3034



36.1055, 0.3429, 0.4141



36.1055, 0.2276, 0.2724

Complementary

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



36.1055, 0.3703, 0.3034



58.1498, 0.2761, 0.3566

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.



36.1055, 0.2318, 0.3075



36.1055, 0.3703, 0.3034



36.1055, 0.2963, 0.3953

Square

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



36.1055, 0.3703, 0.3034



36.1055, 0.3832, 0.4052



36.1055, 0.2560, 0.3539



36.1055, 0.2437, 0.2551

Rectangle

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



36.1055, 0.3703, 0.3034



36.1055, 0.4070, 0.3650



36.1055, 0.2560, 0.3539



36.1055, 0.2267, 0.2822

Sweetspot

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



36.1072, 0.3703, 0.3034



83.6747, 0.3256, 0.3219



35.2696, 0.2959, 0.2387



17.4566, 0.3277, 0.3209



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.



36.1072, 0.3703, 0.3034



46.5167, 0.3876, 0.2981



40.0804, 0.3874, 0.3475



12.4782, 0.3247, 0.3224



8.8585, 0.5805, 0.2972



0.5485, 0.5305, 0.2696

Inverse Universe

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



36.1072, 0.3703, 0.3034



46.5167, 0.3876, 0.2981



51.9649, 0.2617, 0.3095



12.4782, 0.3247, 0.3224



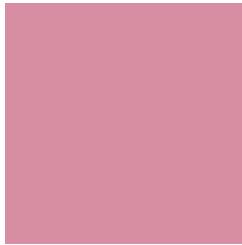
8.8585, 0.5805, 0.2972



0.5485, 0.5305, 0.2696

Previews

White Background



This preview shows how the Yxy color 36.1055, 0.3703, 0.3034 looks on a white background.

Color Contrast Check

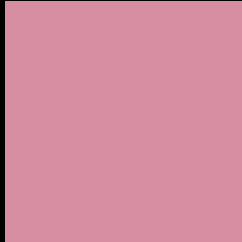
Large Text (above 18pt) WCAG AA × Fail

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 36.1055, 0.3703, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

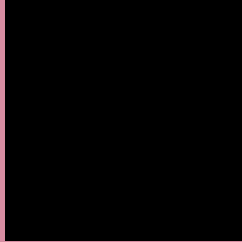
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1055, 0.3703, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 36.1055, 0.3703, 0.3034.



This preview shows how white text looks on a background with the Yxy color 36.1055, 0.3703, 0.3034.

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

36.1055, 0.3703, 0.3034

Protanopia

36.2271, 0.3024, 0.3105

Deuteranopia

36.2009, 0.3326, 0.3263



Tritanopia

35.9421, 0.3789, 0.3156

Trichromacy



Original Color

36.1055, 0.3703, 0.3034

Protanomaly

35.8372, 0.3246, 0.3072

Deuteranomaly

35.8778, 0.3460, 0.3171

Tritanomaly

36.0424, 0.3756, 0.3119

Monochromacy



Original Color

36.1055, 0.3703, 0.3034

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0209, 0.3319, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1055, 0.3703, 0.3034 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(215, 141, 162)` looks like.

```
.text, #text, p{  
    color:rgb(215, 141, 162)  
}
```

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(215, 141, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 141, 162) }
```

Border

The CSS property to change the border of an element to Yxy 36.1055, 0.3703, 0.3034 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(215, 141, 162) }
```

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

```
.border{ border-color:rgb(215, 141, 162) }
```

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

Here you see how a box with a 4 pixel rgb(215, 141, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 141, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 141, 162);  
box-shadow:4px 4px 4px 4px rgb(215, 141,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1055, 0.3703, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 141, 162) }
```

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

```
.background{ background-color: rgb(215,  
141, 162) }
```

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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