

Converting Colors

$Y_{xy}(35.7524, 0.3743, 0.3285)$

Have a look what the booklet for
Yxy(35.7524, 0.3743, 0.3285)
contains.

Yxy(35.6435, 0.3746, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.6435, 0.3746, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CD9293
RGB	205, 146, 147
RGB Percent	80%, 57%, 58%
CMY	0.1961, 0.4274, 0.4235
CMYK	0.00, 0.29, 0.28, 0.20
HSL	359°, 37%, 69%
HSV	359°, 29%, 80%
XYZ	40.7199, 35.6435, 32.3389
YIQ	163.7550, 34.8430, 12.8190

Conversions

Conversions Part 2

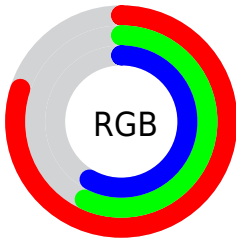
Format	Color
R _Y B	205, 146, 147
Decimal	13472403
CIE Lab	66.25, 22.42, 8.36
CIE LCh	66, 23.927, 20.462
Yxy	35.6435, 0.3746, 0.3279
Android (android.graphics.Color)	4291662483 (0xFFCD9293)
YUV	163.7550, -8.2602, 36.1719
Hunter-Lab	59.7022, 17.2672, 9.6758

Details

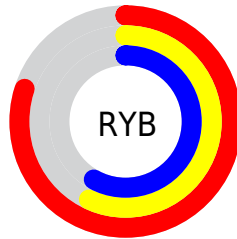
The Yxy color **35.6435, 0.3746, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1282, 0.2720, 0.3302**, and the grayscale version is **37.0303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7856, 0.3559, 0.3281**, and **15.4370, 0.3934, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **29.3030, 0.4068, 0.3275**, and if you desaturate by 10%, it is **43.2313, 0.3485, 0.3283**.

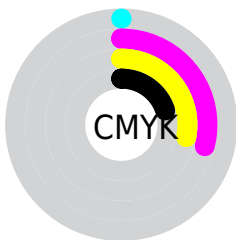
Distribution



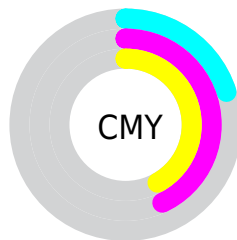
- Red (80%)
- Green (57%)
- Blue (58%)



- Red (80%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (20%)



- Cyan (20%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6435, 0.3746, 0.3279 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 35.6435, 0.3746, 0.3279 by changing the saturation by 10% instead.


 35.6435, 0.3746,
0.3279


 35.6435, 0.3746,
0.3279


327.3997, 0.3420,
0.3291

 24.1590, 0.3833,
0.3274


 68.4815, 0.3623,
0.3285

 15.4516, 0.3948,
0.3265


 90.6037, 0.3579,
0.3287

 9.1369, 0.4107,
0.3251


117.0406, 0.3541,
0.3288

 4.8306, 0.4341,
0.3224

148.1767, 0.3510,
0.3289

 2.1482, 0.4716,
0.3168

184.3962, 0.3482,
0.3290

 0.6915, 0.5943,
0.3264

226.0836, 0.3459,

 0.0000, 1.0000,

0.3290

0.0000

273.6233, 0.3438,
0.3291

0.0000, 0.0000,
0.0000

35.6435, 0.3746,
0.3279

35.6435, 0.3746,
0.3279

29.3030, 0.4068,
0.3275

43.2313, 0.3485,
0.3283

24.1384, 0.4456,
0.3273

52.1227, 0.3276,
0.3287

20.0789, 0.4902,
0.3272

62.3769, 0.3109,
0.3290

17.0439, 0.5377,
0.3273

74.0476, 0.2975,
0.3294

14.9421, 0.5825,
0.3277

87.1860, 0.2867,
0.3297

■ 13.6659, 0.6170,
0.3285

■ 91.7174, 0.2832,
0.3289

■ 13.0451, 0.6366,
0.3291

■ 12.9850, 0.6385,
0.3291

Harmonies

Analogous

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



35.6435, 0.3457, 0.2998



35.6435, 0.3746, 0.3279



35.6435, 0.3858, 0.3578

Triad

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



35.6435, 0.3746, 0.3279



35.6435, 0.3133, 0.3870



35.6435, 0.2520, 0.2742

Complementary

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



35.6435, 0.3746, 0.3279



54.1282, 0.2720, 0.3302

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.



35.6435, 0.2447, 0.2937



35.6435, 0.3746, 0.3279



35.6435, 0.2788, 0.3606

Square

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



35.6435, 0.3746, 0.3279



35.6435, 0.3491, 0.3945



35.6435, 0.2541, 0.3253



35.6435, 0.2747, 0.2695

Rectangle

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



35.6435, 0.3746, 0.3279



35.6435, 0.3815, 0.3754



35.6435, 0.2541, 0.3253



35.6435, 0.2477, 0.2791

Sweetspot

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



35.6452, 0.3746, 0.3279



84.8524, 0.3282, 0.3287



37.6678, 0.3142, 0.2576



17.6754, 0.3310, 0.3286



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.



35.6452, 0.3746, 0.3279



51.2411, 0.3954, 0.3277



45.1452, 0.3660, 0.3639



11.2167, 0.3287, 0.3287



8.0861, 0.6380, 0.3289



0.4183, 0.6311, 0.3250

Inverse Universe

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



35.6452, 0.3746, 0.3279



51.2411, 0.3954, 0.3277



42.1475, 0.2674, 0.2913



11.2167, 0.3287, 0.3287



8.0861, 0.6380, 0.3289



0.4183, 0.6311, 0.3250

Previews

White Background



This preview shows how the Yxy color 35.6435, 0.3746, 0.3279 looks on a white background.

Color Contrast Check

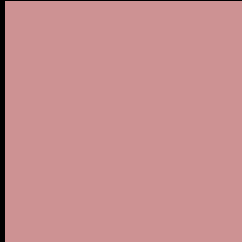
Large Text (above 18pt) WCAG AA × Fail

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 35.6435, 0.3746, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

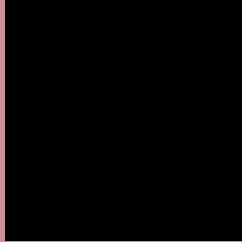
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6435, 0.3746, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 35.6435, 0.3746, 0.3279.



This preview shows how white text looks on a background with the Yxy color 35.6435, 0.3746, 0.3279.

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

35.6435, 0.3746, 0.3279

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

35.8885, 0.3505, 0.3444



Tritanopia

35.7729, 0.3663, 0.3151

Trichromacy



Original Color

35.6435, 0.3746, 0.3279

Protanomaly

35.7472, 0.3406, 0.3347

Deuteranomaly

35.6082, 0.3590, 0.3373

Tritanomaly

35.6725, 0.3695, 0.3189

Monochromacy



Original Color

35.6435, 0.3746, 0.3279

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1663, 0.3336, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6435, 0.3746, 0.3279 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(205, 146, 147)` looks like.

```
.text, #text, p{  
    color:rgb(205, 146, 147)  
}
```

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(205, 146, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 146, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.6435, 0.3746, 0.3279 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(205, 146, 147) }
```

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

```
.border{ border-color:rgb(205, 146, 147) }
```

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

Here you see how a box with a 4 pixel rgb(205, 146, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 146, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 146, 147);  
box-shadow:4px 4px 4px 4px rgb(205, 146,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6435, 0.3746, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 146, 147) }
```

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

```
.background{ background-color: rgb(205,  
146, 147) }
```

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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