

Converting Colors

$Yxy(36.5980, 0.3878, 0.3297)$

Have a look what the booklet for
Yxy(36.5980, 0.3878, 0.3297)
contains.

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Color

Yxy(36.7115, 0.3887, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	D79190
RGB	215, 145, 144
RGB Percent	84%, 57%, 56%
CMY	0.1570, 0.4313, 0.4353
CMYK	0.00, 0.33, 0.33, 0.16
HSL	1°, 47%, 70%
HSV	1°, 33%, 84%
XYZ	43.1763, 36.7115, 31.1909
YIQ	165.8160, 42.0410, 14.5290

Conversions

Conversions Part 2

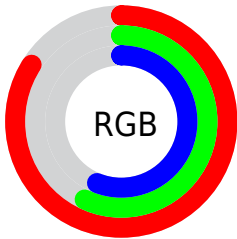
Format	Color
R _Y B	215, 145, 144
Decimal	14127504
CIE Lab	67.06, 26.34, 11.37
CIE LCh	67, 28.690, 23.337
Yxy	36.7115, 0.3887, 0.3305
Android (android.graphics.Color)	4292317584 (0xFFD79190)
YUV	165.8160, -10.7553, 43.1344
Hunter-Lab	60.5900, 21.1661, 11.8914

Details

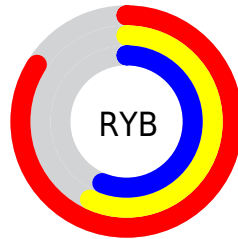
The Yxy color **36.7115, 0.3887, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8935, 0.2658, 0.3275**, and the grayscale version is **38.0780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1841, 0.3585, 0.3302**, and **16.0827, 0.4120, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **30.2346, 0.4242, 0.3310**, and if you desaturate by 10%, it is **44.5242, 0.3597, 0.3300**.

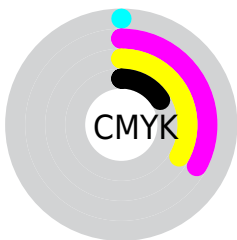
Distribution



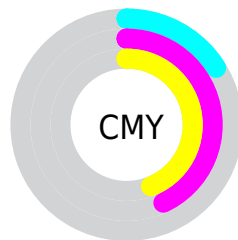
- Red (84%)
- Green (57%)
- Blue (56%)



- Red (84%)
- Yellow (57%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7115, 0.3887, 0.3305 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 36.7115, 0.3887, 0.3305 by changing the saturation by 10% instead.


 36.7115, 0.3887,
0.3305

 36.7115, 0.3887,
0.3305


332.0598, 0.3488,
0.3307

 24.9842, 0.3993,
0.3301


 70.1288, 0.3738,
0.3308

 16.0653, 0.4132,
0.3293


 92.5877, 0.3683,
0.3309

 9.5704, 0.4323,
0.3279


119.3925, 0.3637,
0.3309

 5.1150, 0.4600,
0.3250

150.9276, 0.3598,
0.3309

 2.3149, 0.5036,
0.3185

187.5776, 0.3565,
0.3308

 0.7816, 0.6433,
0.3326

229.7266, 0.3536,


 0.0000, 1.0000,


0.3308


0.0000


277.7592, 0.3511,
0.3307


 0.0000, 0.0000,
0.0000


 36.7115, 0.3887,
0.3305


 36.7115, 0.3887,
0.3305


 30.2346, 0.4242,
0.3310


 44.5242, 0.3597,
0.3300


 25.0138, 0.4661,
0.3314


 53.7358, 0.3363,
0.3296


 20.9693, 0.5128,
0.3317

 64.4122, 0.3176,
0.3291

 18.0098, 0.5601,
0.3317

 76.6131, 0.3026,
0.3287

 16.0307, 0.6010,
0.3314

 90.3951, 0.2906,
0.3284

■ 14.9069, 0.6284,
0.3308

■ 93.1824, 0.2888,
0.3289

■ 14.5104, 0.6392,
0.3307

Harmonies

Analogous

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



36.7115, 0.3557, 0.2974



36.7115, 0.3887, 0.3305



36.7115, 0.3995, 0.3653

Triad

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



36.7115, 0.3887, 0.3305



36.7115, 0.3088, 0.3966



36.7115, 0.2432, 0.2631

Complementary

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



36.7115, 0.3887, 0.3305



58.8935, 0.2658, 0.3275

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.



36.7115, 0.2329, 0.2838



36.7115, 0.3887, 0.3305



36.7115, 0.2689, 0.3629

Square

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



36.7115, 0.3887, 0.3305



36.7115, 0.3515, 0.4074



36.7115, 0.2418, 0.3200



36.7115, 0.2711, 0.2597

Rectangle

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



36.7115, 0.3887, 0.3305



36.7115, 0.3926, 0.3858



36.7115, 0.2418, 0.3200



36.7115, 0.2376, 0.2681

Sweetspot

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



36.7133, 0.3887, 0.3305



83.4672, 0.3304, 0.3294



39.2902, 0.3165, 0.2475



17.4067, 0.3332, 0.3295



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.



36.7133, 0.3887, 0.3305



46.8317, 0.4142, 0.3309



48.8882, 0.3750, 0.3721



12.4495, 0.3291, 0.3294



8.6951, 0.6389, 0.3309



0.5349, 0.6352, 0.3338

Inverse Universe

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



58.8935, 0.2658, 0.3275



84.5682, 0.2572, 0.3272



43.2655, 0.2600, 0.2814



14.0754, 0.2983, 0.3286



31.0736, 0.2234, 0.3244



1.8844, 0.2237, 0.3252

Previews

White Background



This preview shows how the Yxy color 36.7115, 0.3887, 0.3305 looks on a white background.

Color Contrast Check

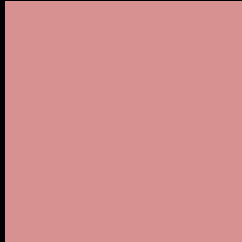
Large Text (above 18pt) WCAG AA × Fail

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 36.7115, 0.3887, 0.3305 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 36.7115, 0.3887, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 36.7115, 0.3887, 0.3305.



This preview shows how white text looks on a background with the Yxy color 36.7115, 0.3887, 0.3305.

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

36.7115, 0.3887, 0.3305

Protanopia

36.9293, 0.3274, 0.3434

Deuteranopia

36.9715, 0.3570, 0.3510



Tritanopia

36.5769, 0.3795, 0.3157

Trichromacy



Original Color

36.7115, 0.3887, 0.3305

Protanomaly

36.4180, 0.3487, 0.3373

Deuteranomaly

36.6360, 0.3680, 0.3424

Tritanomaly

36.7475, 0.3836, 0.3218

Monochromacy



Original Color

36.7115, 0.3887, 0.3305

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1127, 0.3384, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7115, 0.3887, 0.3305 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, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(215, 145, 144)  
}
```

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, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 145, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.7115, 0.3887, 0.3305 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, 145, 144) }
```

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

```
.border{ border-color:rgb(215, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(215, 145,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7115, 0.3887, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 145, 144) }
```

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

```
.background{ background-color: rgb(215,  
145, 144) }
```

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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