

Converting Colors

$Yxy(35.6684, 0.3929, 0.3284)$

Have a look what the booklet for
Yxy(35.6684, 0.3929, 0.3284)
contains.

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Color

Yxy(35.6017, 0.3936, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	D88D8E
RGB	216, 141, 142
RGB Percent	85%, 55%, 56%
CMY	0.1530, 0.4470, 0.4431
CMYK	0.00, 0.35, 0.34, 0.15
HSL	359°, 49%, 70%
HSV	359°, 35%, 85%
XYZ	42.7220, 35.6017, 30.2180
YIQ	163.5390, 44.3790, 16.2110

Conversions

Conversions Part 2

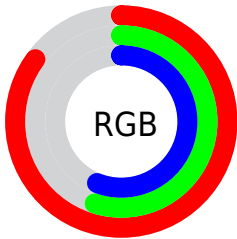
Format	Color
R _Y B	216, 141, 142
Decimal	14192014
CIE Lab	66.21, 28.64, 11.29
CIE LCh	66, 30.782, 21.522
Yxy	35.6017, 0.3936, 0.3280
Android (android.graphics.Color)	4292382094 (0xFFD88D8E)
YUV	163.5390, -10.6187, 46.0083
Hunter-Lab	59.6672, 23.3895, 11.7400

Details

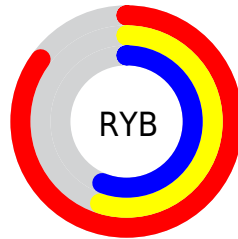
The Yxy color **35.6017, 0.3936, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.6686, 0.2645, 0.3301**, and the grayscale version is **36.9311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2757, 0.3610, 0.3281**, and **15.4560, 0.4195, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **29.2622, 0.4300, 0.3278**, and if you desaturate by 10%, it is **43.3089, 0.3637, 0.3283**.

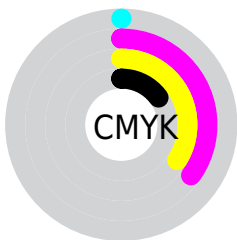
Distribution



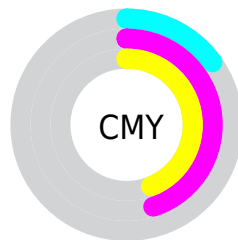
- Red (85%)
- Green (55%)
- Blue (56%)



- Red (85%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (15%)




- Cyan (15%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.6017, 0.3936, 0.3280 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 35.6017, 0.3936, 0.3280 by changing the saturation by 10% instead.

 35.6017, 0.3936,
0.3280


 35.6017, 0.3936,
0.3280


327.2163, 0.3509,
0.3296


 24.1267, 0.4050,
0.3272


 68.4169, 0.3776,
0.3289

 15.4277, 0.4200,
0.3259


 90.5258, 0.3717,
0.3291

 9.1201, 0.4406,
0.3237


 116.9483, 0.3668,
0.3293

 4.8196, 0.4708,
0.3195

148.0686, 0.3627,
0.3294

 2.1418, 0.5183,
0.3107

184.2712, 0.3591,
0.3295

 0.6880, 0.6802,
0.3198

225.9404, 0.3560,

 0.0000, 1.0000,

0.3295

0.0000

273.4606, 0.3533,
0.3296

0.0000, 0.0000,
0.0000

35.6017, 0.3936,
0.3280

35.6017, 0.3936,
0.3280

29.2622, 0.4300,
0.3278

43.3089, 0.3637,
0.3283

24.2058, 0.4729,
0.3277

52.4517, 0.3396,
0.3286

20.3464, 0.5201,
0.3277

63.0997, 0.3204,
0.3289

17.5855, 0.5669,
0.3280

75.3164, 0.3050,
0.3291

15.8088, 0.6062,
0.3285

89.1617, 0.2927,
0.3294

■ 14.8768, 0.6311,
0.3293

■ 93.3353, 0.2894,
0.3289

■ 14.6016, 0.6389,
0.3293

Harmonies

Analogous

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



35.6017, 0.3565, 0.2929



35.6017, 0.3936, 0.3280



35.6017, 0.4069, 0.3655

Triad

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



35.6017, 0.3936, 0.3280



35.6017, 0.3110, 0.4042



35.6017, 0.2365, 0.2586

Complementary

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



35.6017, 0.3936, 0.3280



59.6686, 0.2645, 0.3301

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.



35.6017, 0.2267, 0.2818



35.6017, 0.3936, 0.3280



35.6017, 0.2675, 0.3685

Square

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



35.6017, 0.3936, 0.3280



35.6017, 0.3570, 0.4140



35.6017, 0.2375, 0.3217



35.6017, 0.2654, 0.2541

Rectangle

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



35.6017, 0.3936, 0.3280



35.6017, 0.4003, 0.3882



35.6017, 0.2375, 0.3217



35.6017, 0.2310, 0.2643

Sweetspot

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



35.6034, 0.3936, 0.3280



83.2800, 0.3302, 0.3287



38.4170, 0.3156, 0.2431



17.3619, 0.3330, 0.3287



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.



35.6034, 0.3936, 0.3280



44.5890, 0.4210, 0.3278



48.0608, 0.3794, 0.3730



12.4235, 0.3289, 0.3287



8.6461, 0.6385, 0.3291



0.5225, 0.6336, 0.3264

Inverse Universe

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



35.6034, 0.3936, 0.3280



44.5890, 0.4210, 0.3278



43.1607, 0.2575, 0.2803



12.4235, 0.3289, 0.3287



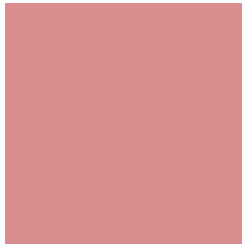
8.6461, 0.6385, 0.3291



0.5225, 0.6336, 0.3264

Previews

White Background



This preview shows how the Yxy color 35.6017, 0.3936, 0.3280 looks on a white background.

Color Contrast Check

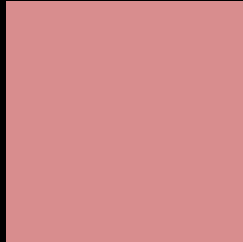
Large Text (above 18pt) WCAG AA × Fail

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 35.6017, 0.3936, 0.3280 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 35.6017, 0.3936, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 35.6017, 0.3936, 0.3280.



This preview shows how white text looks on a background with the Yxy color 35.6017, 0.3936, 0.3280.

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

35.6017, 0.3936, 0.3280

Protanopia

35.8637, 0.3257, 0.3421

Deuteranopia

35.6211, 0.3589, 0.3513



Tritanopia

35.7099, 0.3861, 0.3170

Trichromacy



Original Color

35.6017, 0.3936, 0.3280

Protanomaly

35.4397, 0.3491, 0.3374

Deuteranomaly

35.4419, 0.3712, 0.3425

Tritanomaly

35.6145, 0.3895, 0.3206

Monochromacy



Original Color

35.6017, 0.3936, 0.3280

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2445, 0.3397, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6017, 0.3936, 0.3280 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(216, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 142)  
}
```

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(216, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.6017, 0.3936, 0.3280 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(216, 141, 142) }
```

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

```
.border{ border-color:rgb(216, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6017, 0.3936, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 142) }
```

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

```
.background{ background-color: rgb(216,  
141, 142) }
```

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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