

Converting Colors

$Yxy(36.0438, 0.3523, 0.2987)$

Have a look what the booklet for
Yxy(36.0438, 0.3523, 0.2987)
contains.

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Color

Yxy(36.0945, 0.3515, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	CD91A9
RGB	205, 145, 169
RGB Percent	80%, 57%, 66%
CMY	0.1959, 0.4315, 0.3372
CMYK	0.00, 0.29, 0.18, 0.20
HSL	336°, 38%, 69%
HSV	336°, 29%, 80%
XYZ	42.4748, 36.0945, 42.2694
YIQ	165.6760, 28.0560, 20.1840

Conversions

Conversions Part 2

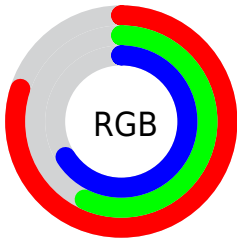
Format	Color
R _Y B	205, 145, 169
Decimal	13472169
CIE Lab	66.59, 26.27, -3.50
CIE LCh	67, 26.499, 352.413
Yxy	36.0945, 0.3515, 0.2987
Android (android.graphics.Color)	4291662249 (0xFFCD91A9)
YUV	165.6760, 1.6387, 34.4871
Hunter-Lab	60.0787, 21.0592, 0.3406

Details

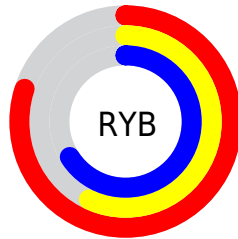
The Yxy color **36.0945, 0.3515, 0.2987** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0421, 0.2854, 0.3617**, and the grayscale version is **37.9523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4887, 0.3381, 0.3037**, and **15.7738, 0.3638, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **29.9455, 0.3704, 0.2880**, and if you desaturate by 10%, it is **43.4212, 0.3357, 0.3095**.

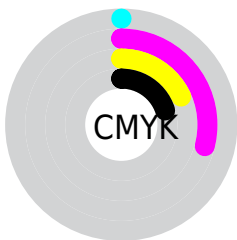
Distribution



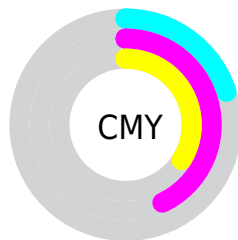
- Red (80%)
- Green (57%)
- Blue (66%)



- Red (80%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (20%)




- Cyan (20%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0945, 0.3515, 0.2987 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 36.0945, 0.3515, 0.2987 by changing the saturation by 10% instead.


 36.0945, 0.3515,
0.2987


 36.0945, 0.3515,
0.2987


329.3734, 0.3314,
0.3142

 24.5072, 0.3567,
0.2947


 69.1779, 0.3440,
0.3044

 15.7103, 0.3636,
0.2895


 91.4428, 0.3413,
0.3066

 9.3194, 0.3730,
0.2825


118.0356, 0.3390,
0.3083

 4.9501, 0.3866,
0.2724

149.3409, 0.3370,
0.3099

 2.2180, 0.4081,
0.2568

185.7429, 0.3353,
0.3112

 0.7298, 0.4480,
0.2275

227.6260, 0.3339,

 0.0000, 1.0000,

0.3123


0.0000

275.3747, 0.3326,
0.3133


 0.0000, 0.0000,
0.0000


 36.0945, 0.3515,
0.2987


 36.0945, 0.3515,
0.2987


 29.9455, 0.3704,
0.2880

 43.4212, 0.3357,
0.3095


 24.9071, 0.3928,
0.2779

 51.9780, 0.3227,
0.3199

 20.9131, 0.4187,
0.2695

 61.8203, 0.3120,
0.3297

 17.8882, 0.4476,
0.2639

 72.9985, 0.3033,
0.3388

 15.7469, 0.4783,
0.2623

 85.5603, 0.2961,
0.3472

■ 14.3881, 0.5089,
0.2658

■ 90.9669, 0.2896,
0.3417

■ 13.6407, 0.5375,
0.2740

■ 91.7264, 0.2833,
0.3289

■ 13.5961, 0.5395,
0.2746

Harmonies

Analogous

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



36.0945, 0.3108, 0.2753



36.0945, 0.3515, 0.2987



36.0945, 0.3825, 0.3296

Triad

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



36.0945, 0.3515, 0.2987



36.0945, 0.3502, 0.4016



36.0945, 0.2381, 0.2880

Complementary

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



36.0945, 0.3515, 0.2987



53.0421, 0.2854, 0.3617

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.



36.0945, 0.2472, 0.3221



36.0945, 0.3515, 0.2987



36.0945, 0.3105, 0.3921

Square

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



36.0945, 0.3515, 0.2987



36.0945, 0.3809, 0.3892



36.0945, 0.2731, 0.3616



36.0945, 0.2472, 0.2679

Rectangle

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



36.0945, 0.3515, 0.2987



36.0945, 0.3924, 0.3516



36.0945, 0.2731, 0.3616



36.0945, 0.2391, 0.2981

Sweetspot

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



36.0962, 0.3515, 0.2987



85.3661, 0.3225, 0.3200



34.3609, 0.2925, 0.2514



17.8010, 0.3243, 0.3185



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.



36.0962, 0.3515, 0.2987



52.6801, 0.3627, 0.2921



36.8384, 0.3754, 0.3356



11.2868, 0.3228, 0.3198



8.4770, 0.5358, 0.2725



0.4522, 0.4842, 0.2441

Inverse Universe

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



36.0962, 0.3515, 0.2987



52.6801, 0.3627, 0.2921



51.7577, 0.2700, 0.3222



11.2868, 0.3228, 0.3198



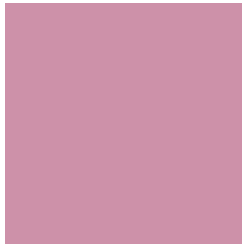
8.4770, 0.5358, 0.2725



0.4522, 0.4842, 0.2441

Previews

White Background



This preview shows how the Yxy color 36.0945, 0.3515, 0.2987 looks on a white background.

Color Contrast Check

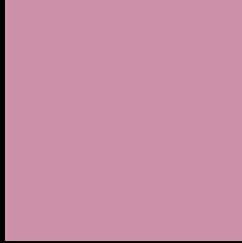
Large Text (above 18pt) WCAG AA × Fail

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 36.0945, 0.3515, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

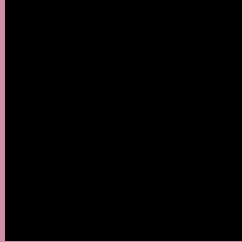
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0945, 0.3515, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 36.0945, 0.3515, 0.2987.



This preview shows how white text looks on a background with the Yxy color 36.0945, 0.3515, 0.2987.

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

36.0945, 0.3515, 0.2987

Protanopia

36.2180, 0.2964, 0.3034

Deuteranopia

36.1341, 0.3221, 0.3151



Tritanopia

36.1734, 0.3615, 0.3150

Trichromacy



Original Color

36.0945, 0.3515, 0.2987

Protanomaly

35.7679, 0.3150, 0.3015

Deuteranomaly

36.1744, 0.3326, 0.3089

Tritanomaly

36.0038, 0.3575, 0.3087

Monochromacy



Original Color

36.0945, 0.3515, 0.2987

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9470, 0.3259, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0945, 0.3515, 0.2987 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, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 169)  
}
```

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, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 169) }
```

Border

The CSS property to change the border of an element to Yxy 36.0945, 0.3515, 0.2987 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, 145, 169) }
```

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

```
.border{ border-color:rgb(205, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 145, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 145, 169); box-shadow:4px 4px 4px 4px rgb(205, 145, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0945, 0.3515, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 169) }
```

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

```
.background{ background-color: rgb(205,  
145, 169) }
```

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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