

Converting Colors

$Yxy(36.1271, 0.3763, 0.3156)$

Have a look what the booklet for
Yxy(36.1271, 0.3763, 0.3156)
contains.

Yxy(36.1241, 0.3764, 0.3155)	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(36.1241, 0.3764, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	D58F9A
RGB	213, 143, 154
RGB Percent	84%, 56%, 60%
CMY	0.1647, 0.4392, 0.3960
CMYK	0.00, 0.33, 0.28, 0.16
HSL	351°, 45%, 70%
HSV	351°, 33%, 84%
XYZ	43.0970, 36.1241, 35.2768
YIQ	165.1840, 38.1890, 18.2610

Conversions

Conversions Part 2

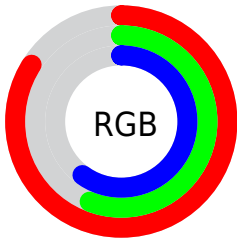
Format	Color
R _Y B	213, 143, 154
Decimal	13995930
CIE Lab	66.61, 28.03, 5.07
CIE LCh	67, 28.484, 10.263
Yxy	36.1241, 0.3764, 0.3155
Android (android.graphics.Color)	4292186010 (0xFFD58F9A)
YUV	165.1840, -5.5137, 41.9346
Hunter-Lab	60.1033, 22.8124, 7.2729

Details

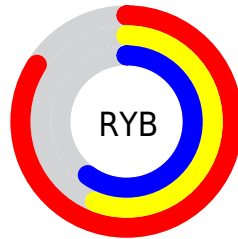
The Yxy color **36.1241, 0.3764, 0.3155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6943, 0.2724, 0.3433**, and the grayscale version is **37.7341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7466, 0.3509, 0.3178**, and **15.8017, 0.3972, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **29.7720, 0.4060, 0.3114**, and if you desaturate by 10%, it is **43.7832, 0.3521, 0.3198**.

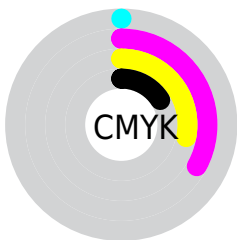
Distribution



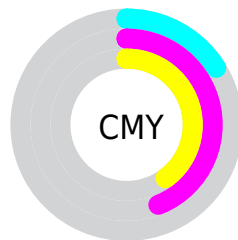
- Red (84%)
- Green (56%)
- Blue (60%)



- Red (84%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (16%)




- Cyan (16%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1241, 0.3764, 0.3155 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 36.1241, 0.3764, 0.3155 by changing the saturation by 10% instead.

 36.1241, 0.3764,
0.3155


 36.1241, 0.3764,
0.3155


329.5026, 0.3430,
0.3230

 24.5301, 0.3852,
0.3134


 69.2236, 0.3639,
0.3184

 15.7273, 0.3969,
0.3105


 91.4978, 0.3593,
0.3194

 9.3314, 0.4130,
0.3063


118.1008, 0.3555,
0.3203

 4.9580, 0.4365,
0.3000

149.4171, 0.3522,
0.3210

 2.2226, 0.4740,
0.2890

185.8311, 0.3494,
0.3216

 0.7323, 0.5613,
0.2734


227.7270, 0.3470,


 0.0000, 1.0000,


0.3221

0.0000

275.4894, 0.3449,
0.3226

 0.0000, 0.0000,
0.0000


 36.1241, 0.3764,
0.3155


 36.1241, 0.3764,
0.3155

 29.7720, 0.4060,
0.3114


 43.7832, 0.3521,
0.3198

 24.6489, 0.4412,
0.3080


 52.8115, 0.3325,
0.3240

 20.6764, 0.4815,
0.3059

 63.2730, 0.3167,
0.3279

 17.7651, 0.5247,
0.3058

 75.2266, 0.3039,
0.3316

 15.8120, 0.5663,
0.3086

 88.7277, 0.2935,
0.3349

■ 14.6937, 0.6010,
0.3141

■ 92.8867, 0.2877,
0.3289

■ 14.2593, 0.6195,
0.3187

Harmonies

Analogous

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



36.1241, 0.3370, 0.2852



36.1241, 0.3764, 0.3155



36.1241, 0.3978, 0.3504

Triad

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



36.1241, 0.3764, 0.3155



36.1241, 0.3277, 0.4043



36.1241, 0.2365, 0.2701

Complementary

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



36.1241, 0.3764, 0.3155



57.6943, 0.2724, 0.3433

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.



36.1241, 0.2345, 0.2981



36.1241, 0.3764, 0.3155



36.1241, 0.2853, 0.3796

Square

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



36.1241, 0.3764, 0.3155



36.1241, 0.3679, 0.4041



36.1241, 0.2517, 0.3387



36.1241, 0.2570, 0.2592

Rectangle

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



36.1241, 0.3764, 0.3155



36.1241, 0.3982, 0.3728



36.1241, 0.2517, 0.3387



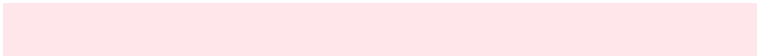
36.1241, 0.2337, 0.2776

Sweetspot

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



36.1258, 0.3764, 0.3155



83.4881, 0.3278, 0.3251



36.9142, 0.3056, 0.2451



17.4118, 0.3302, 0.3245



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.



36.1258, 0.3764, 0.3155



47.8336, 0.3951, 0.3128



43.5248, 0.3791, 0.3580



12.4523, 0.3267, 0.3254



8.7196, 0.6168, 0.3171



0.5361, 0.5734, 0.2932

Inverse Universe

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



36.1258, 0.3764, 0.3155



47.8336, 0.3951, 0.3128



47.3282, 0.2623, 0.2978



12.4523, 0.3267, 0.3254



8.7196, 0.6168, 0.3171



0.5361, 0.5734, 0.2932

Previews

White Background



This preview shows how the Yxy color 36.1241, 0.3764, 0.3155 looks on a white background.

Color Contrast Check

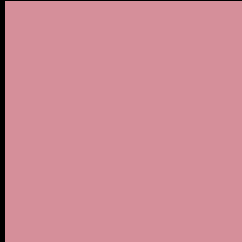
Large Text (above 18pt) WCAG AA × Fail

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 36.1241, 0.3764, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

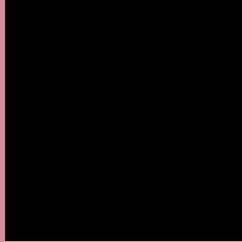
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1241, 0.3764, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 36.1241, 0.3764, 0.3155.



This preview shows how white text looks on a background with the Yxy color 36.1241, 0.3764, 0.3155.

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

36.1241, 0.3764, 0.3155

Protanopia

36.5203, 0.3138, 0.3261

Deuteranopia

36.3260, 0.3424, 0.3360



Tritanopia

36.1241, 0.3764, 0.3155

Trichromacy



Original Color

36.1241, 0.3764, 0.3155

Protanomaly

35.9258, 0.3350, 0.3222

Deuteranomaly

36.0938, 0.3539, 0.3278

Tritanomaly

36.1241, 0.3764, 0.3155

Monochromacy



Original Color

36.1241, 0.3764, 0.3155

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.6322, 0.3337, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1241, 0.3764, 0.3155 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(213, 143, 154)` looks like.

```
.text, #text, p{  
    color:rgb(213, 143, 154)  
}
```

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(213, 143, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 143, 154) }
```

Border

The CSS property to change the border of an element to Yxy 36.1241, 0.3764, 0.3155 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(213, 143, 154) }
```

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

```
.border{ border-color:rgb(213, 143, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 143, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 143, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 143, 154);  
box-shadow:4px 4px 4px 4px rgb(213, 143,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1241, 0.3764, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 143, 154) }
```

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

```
.background{ background-color: rgb(213,  
143, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor