

Converting Colors

$Yxy(36.6320, 0.3783, 0.3342)$

Have a look what the booklet for
Yxy(36.6320, 0.3783, 0.3342)
contains.

Yxy(36.8046, 0.3778, 0.3343)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.8046, 0.3778, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	CF9591
RGB	207, 149, 145
RGB Percent	81%, 58%, 57%
CMY	0.1882, 0.4157, 0.4314
CMYK	0.00, 0.28, 0.30, 0.19
HSL	4°, 39%, 69%
HSV	4°, 30%, 81%
XYZ	41.5937, 36.8046, 31.6962
YIQ	165.8860, 35.8520, 11.0520

Conversions

Conversions Part 2

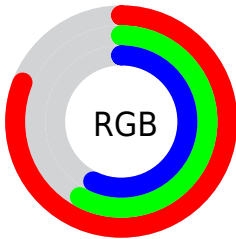
Format	Color
R _{YB}	207, 149, 145
Decimal	13604241
CIE Lab	67.13, 21.29, 10.78
CIE LCh	67, 23.859, 26.855
Yxy	36.8046, 0.3778, 0.3343
Android (android.graphics.Color)	4291794321 (0xFFCF9591)
YUV	165.8860, -10.2968, 36.0570
Hunter-Lab	60.6668, 16.2143, 11.4899

Details

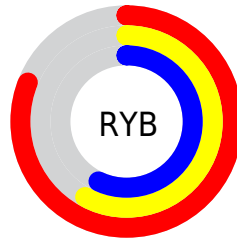
The Yxy color **36.8046, 0.3778, 0.3343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2432, 0.2693, 0.3236**, and the grayscale version is **38.1140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0954, 0.3568, 0.3333**, and **16.1409, 0.3977, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **30.5984, 0.4101, 0.3361**, and if you desaturate by 10%, it is **44.1494, 0.3514, 0.3324**.

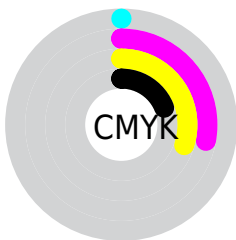
Distribution



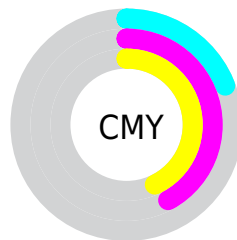
- Red (81%)
- Green (58%)
- Blue (57%)



- Red (81%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8046, 0.3778, 0.3343 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 36.8046, 0.3778, 0.3343 by changing the saturation by 10% instead.


 36.8046, 0.3778,
0.3343


 36.8046, 0.3778,
0.3343


332.4638, 0.3437,
0.3323

 25.0562, 0.3868,
0.3345


 70.2722, 0.3650,
0.3338

 16.1190, 0.3988,
0.3347


 92.7601, 0.3603,
0.3335

 9.6084, 0.4152,
0.3346


119.5968, 0.3564,
0.3333

 5.1401, 0.4391,
0.3337

151.1665, 0.3531,
0.3330

 2.3297, 0.4769,
0.3307

187.8536, 0.3502,
0.3328

 0.7894, 0.6006,
0.3521

230.0426, 0.3477,


 0.0000, 1.0000,


0.3326


0.0000

278.1179, 0.3456,
0.3325


 0.0000, 0.0000,
0.0000


 36.8046, 0.3778,
0.3343


 36.8046, 0.3778,
0.3343


 30.5984, 0.4101,
0.3361


 44.1494, 0.3514,
0.3324


 25.4689, 0.4485,
0.3377


 52.6803, 0.3299,
0.3307

 21.3564, 0.4923,
0.3388

 62.4485, 0.3127,
0.3290

 18.1931, 0.5385,
0.3390

 73.5005, 0.2987,
0.3275

 15.9030, 0.5819,
0.3380

 85.8804, 0.2873,
0.3261

■ 14.3985, 0.6157,
0.3357

■ 92.0081, 0.2844,
0.3289

■ 13.5676, 0.6359,
0.3333

■ 13.5655, 0.6359,
0.3333

Harmonies

Analogous

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



36.8046, 0.3524, 0.3056



36.8046, 0.3778, 0.3343



36.8046, 0.3845, 0.3634

Triad

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



36.8046, 0.3778, 0.3343



36.8046, 0.3057, 0.3820



36.8046, 0.2564, 0.2727

Complementary

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



36.8046, 0.3778, 0.3343



53.2432, 0.2693, 0.3236

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.



36.8046, 0.2457, 0.2889



36.8046, 0.3778, 0.3343



36.8046, 0.2730, 0.3530

Square

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



36.8046, 0.3778, 0.3343



36.8046, 0.3415, 0.3938



36.8046, 0.2515, 0.3180



36.8046, 0.2817, 0.2711

Rectangle

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



36.8046, 0.3778, 0.3343



36.8046, 0.3774, 0.3795



36.8046, 0.2515, 0.3180



36.8046, 0.2510, 0.2765

Sweetspot

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



36.8063, 0.3778, 0.3343



85.6685, 0.3283, 0.3305



37.8722, 0.3190, 0.2584



17.8742, 0.3311, 0.3308



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.



36.8063, 0.3778, 0.3343



52.3351, 0.3980, 0.3355



47.5953, 0.3669, 0.3716



11.9290, 0.3289, 0.3306



8.5941, 0.6349, 0.3341



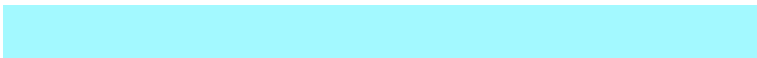
0.5245, 0.6186, 0.3470

Inverse Universe

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



53.2432, 0.2693, 0.3236



82.8235, 0.2611, 0.3223



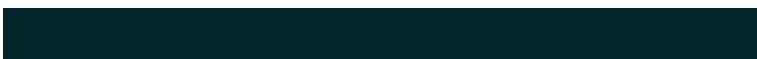
40.3754, 0.2646, 0.2822



13.2709, 0.2983, 0.3274



27.0987, 0.2191, 0.3089



1.5555, 0.2202, 0.3128

Previews

White Background



This preview shows how the Yxy color 36.8046, 0.3778, 0.3343 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 36.8046, 0.3778, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

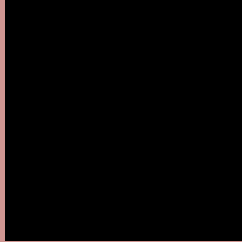
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8046, 0.3778, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 36.8046, 0.3778, 0.3343.



This preview shows how white text looks on a background with the Yxy color 36.8046, 0.3778, 0.3343.

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

36.8046, 0.3778, 0.3343

Protanopia

36.8964, 0.3283, 0.3448

Deuteranopia

37.0017, 0.3561, 0.3497



Tritanopia

36.7460, 0.3656, 0.3153

Trichromacy



Original Color

36.8046, 0.3778, 0.3343

Protanomaly

36.6909, 0.3461, 0.3415

Deuteranomaly

36.9256, 0.3632, 0.3439

Tritanomaly

36.8896, 0.3706, 0.3228

Monochromacy



Original Color

36.8046, 0.3778, 0.3343

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4340, 0.3351, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8046, 0.3778, 0.3343 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(207, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 149, 145)  
}
```

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(207, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 149, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.8046, 0.3778, 0.3343 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(207, 149, 145) }
```

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

```
.border{ border-color:rgb(207, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 149,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8046, 0.3778, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 149, 145) }
```

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

```
.background{ background-color: rgb(207,  
149, 145) }
```

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