

Converting Colors

$Yxy(35.9345, 0.3998, 0.3467)$

Have a look what the booklet for
Yxy(35.9345, 0.3998, 0.3467)
contains.

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Color

Yxy(35.8865, 0.3998, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	D49183
RGB	212, 145, 131
RGB Percent	83%, 57%, 51%
CMY	0.1687, 0.4313, 0.4862
CMYK	0.00, 0.32, 0.38, 0.17
HSL	10°, 48%, 67%
HSV	10°, 38%, 83%
XYZ	41.3709, 35.8865, 26.2216
YIQ	163.4370, 44.4260, 9.8500

Conversions

Conversions Part 2

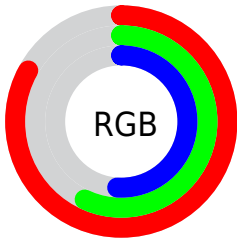
Format	Color
R_{YB}	212, 148, 131
Decimal	13930883
CIE _{Lab}	66.43, 23.61, 17.69
CIE _{LCh}	66, 29.506, 36.848
Yxy	35.8865, 0.3998, 0.3468
Android (android.graphics.Color)	4292120963 (0xFFD49183)
YUV	163.4370, -15.9914, 42.5898
Hunter-Lab	59.9053, 18.4385, 15.9815

Details

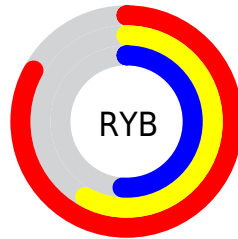
The Yxy color **35.8865, 0.3998, 0.3468** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.9590, 0.2571, 0.3101**, and the grayscale version is **36.9057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5675, 0.3697, 0.3448**, and **15.5832, 0.4269, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **30.4193, 0.4342, 0.3512**, and if you desaturate by 10%, it is **42.3016, 0.3707, 0.3420**.

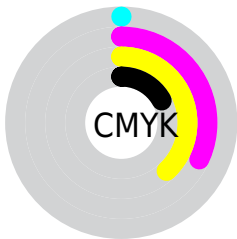
Distribution



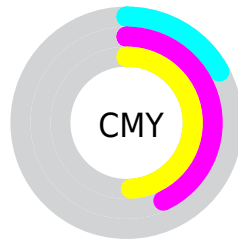
- Red (83%)
- Green (57%)
- Blue (51%)



- Red (83%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (17%)



- Cyan (17%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8865, 0.3998, 0.3468 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 35.8865, 0.3998, 0.3468 by changing the saturation by 10% instead.


 35.8865, 0.3998,
0.3468


 35.8865, 0.3998,
0.3468


328.4642, 0.3539,
0.3390


 24.3466, 0.4119,
0.3483


 68.8568, 0.3826,
0.3443

 15.5909, 0.4279,
0.3498


 91.0560, 0.3763,
0.3433

 9.2351, 0.4498,
0.3512


 117.5771, 0.3710,
0.3423

 4.8949, 0.4813,
0.3518

148.8044, 0.3666,
0.3415

 2.1857, 0.5311,
0.3499

185.1224, 0.3627,
0.3408

 0.7122, 0.6502,
0.3498

226.9154, 0.3594,

 0.0000, 1.0000,

0.3401

0.0000

274.5679, 0.3565,
0.3395

0.0000, 0.0000,
0.0000

35.8865, 0.3998,
0.3468

35.8865, 0.3998,
0.3468

30.4193, 0.4342,
0.3512

42.3016, 0.3707,
0.3420

25.8499, 0.4734,
0.3546

49.7015, 0.3464,
0.3372

22.1313, 0.5157,
0.3562


58.1273, 0.3264,
0.3325


19.2099, 0.5575,
0.3552


67.6162, 0.3100,
0.3283


17.0260, 0.5937,
0.3509

78.2037, 0.2964,
0.3243

 15.5085, 0.6196,
0.3442

 89.7157, 0.2869,
0.3240

 15.2969, 0.6235,
0.3431

 92.7350, 0.2872,
0.3289

Harmonies

Analogous

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



35.8865, 0.3749, 0.3110



35.8865, 0.3998, 0.3468



35.8865, 0.3990, 0.3812

Triad

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



35.8865, 0.3998, 0.3468



35.8865, 0.2889, 0.3858



35.8865, 0.2517, 0.2571

Complementary

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



35.8865, 0.3998, 0.3468



49.9590, 0.2571, 0.3101

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.



35.8865, 0.2326, 0.2703



35.8865, 0.3998, 0.3468



35.8865, 0.2527, 0.3441

Square

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



35.8865, 0.3998, 0.3468



35.8865, 0.3333, 0.4087



35.8865, 0.2328, 0.3011



35.8865, 0.2874, 0.2613

Rectangle

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



35.8865, 0.3998, 0.3468



35.8865, 0.3845, 0.3991



35.8865, 0.2328, 0.3011



35.8865, 0.2433, 0.2595

Sweetspot

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



35.8882, 0.3998, 0.3468



84.4043, 0.3319, 0.3339



34.3297, 0.3303, 0.2491



17.6842, 0.3345, 0.3345



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.



35.8882, 0.3998, 0.3468



47.5347, 0.4279, 0.3505



50.3291, 0.3810, 0.3946



12.7645, 0.3287, 0.3331



9.5468, 0.6215, 0.3447



0.6839, 0.5902, 0.3695

Inverse Universe

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



49.9590, 0.2571, 0.3101



71.8516, 0.2469, 0.3053



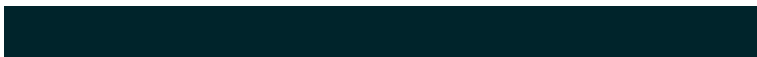
34.0327, 0.2487, 0.2529



13.7254, 0.2983, 0.3249



22.0745, 0.2092, 0.2732



1.4299, 0.2122, 0.2838

Previews

White Background



This preview shows how the Yxy color 35.8865, 0.3998, 0.3468 looks on a white background.

Color Contrast Check

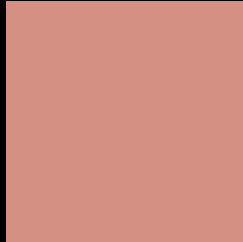
Large Text (above 18pt) WCAG AA × Fail

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 35.8865, 0.3998, 0.3468 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 35.8865, 0.3998, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 35.8865, 0.3998, 0.3468.



This preview shows how white text looks on a background with the Yxy color 35.8865, 0.3998, 0.3468.

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

35.8865, 0.3998, 0.3468

Protanopia

35.8999, 0.3417, 0.3610

Deuteranopia

35.8465, 0.3731, 0.3648



Tritanopia

35.9421, 0.3789, 0.3156

Trichromacy



Original Color

35.8865, 0.3998, 0.3468

Protanomaly

35.5346, 0.3619, 0.3555

Deuteranomaly

35.6152, 0.3823, 0.3571

Tritanomaly

35.8354, 0.3863, 0.3267

Monochromacy



Original Color

35.8865, 0.3998, 0.3468

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8351, 0.3426, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8865, 0.3998, 0.3468 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(212, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 131)  
}
```

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(212, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 131) }
```

Border

The CSS property to change the border of an element to Yxy 35.8865, 0.3998, 0.3468 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(212, 145, 131) }
```

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

```
.border{ border-color:rgb(212, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8865, 0.3998, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 131) }
```

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

```
.background{ background-color: rgb(212,  
145, 131) }
```

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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