

Converting Colors

$Y_{xy}(35.4350, 0.3742, 0.3412)$

Have a look what the booklet for
Yxy(35.4350, 0.3742, 0.3412)
contains.

Yxy(35.3941, 0.3736, 0.3411)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.3941, 0.3736, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	C6958C
RGB	198, 149, 140
RGB Percent	78%, 58%, 55%
CMY	0.2236, 0.4156, 0.4509
CMYK	0.00, 0.25, 0.29, 0.22
HSL	9°, 34%, 66%
HSV	9°, 29%, 78%
XYZ	38.7664, 35.3941, 29.6040
YIQ	162.6250, 32.0930, 7.5890

Conversions

Conversions Part 2

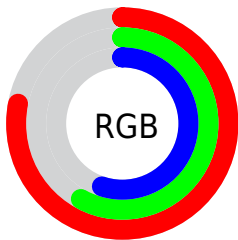
Format	Color
R_{YB}	198, 151, 140
Decimal	13014412
CIE _{Lab}	66.05, 17.12, 11.91
CIE _{LCh}	66, 20.853, 34.817
Yxy	35.3941, 0.3736, 0.3411
Android (android.graphics.Color)	4291204492 (0xFFC6958C)
YUV	162.6250, -11.1541, 31.0239
Hunter-Lab	59.4929, 12.2005, 12.1420

Details

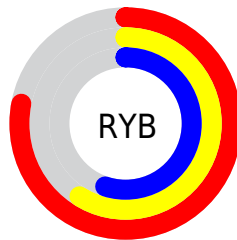
The Yxy color **35.3941, 0.3736, 0.3411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0394, 0.2695, 0.3165**, and the grayscale version is **36.4828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8669, 0.3607, 0.3384**, and **15.3132, 0.3937, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **29.9452, 0.4034, 0.3454**, and if you desaturate by 10%, it is **41.7113, 0.3488, 0.3368**.

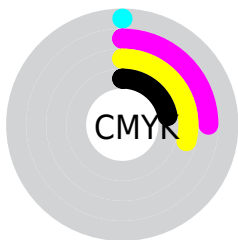
Distribution



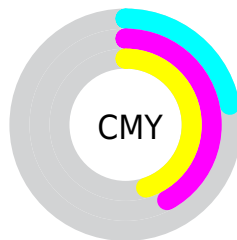
- Red (78%)
- Green (58%)
- Blue (55%)



- Red (78%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (22%)




- Cyan (22%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3941, 0.3736, 0.3411 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 35.3941, 0.3736, 0.3411 by changing the saturation by 10% instead.

 35.3941, 0.3736,
0.3411

 35.3941, 0.3736,
0.3411


326.3045, 0.3415,
0.3355


 23.9666, 0.3822,
0.3423


 68.0958, 0.3615,
0.3392

 15.3089, 0.3935,
0.3437


 90.1389, 0.3571,
0.3384

 9.0364, 0.4093,
0.3454


 116.4892, 0.3534,
0.3378

 4.7650, 0.4324,
0.3470

147.5313, 0.3503,
0.3372

 2.1100, 0.4693,
0.3478

183.6495, 0.3476,
0.3367

 0.6703, 0.6156,
0.3844

225.2281, 0.3453,

 0.0000, 1.0000,

0.3362

0.0000

272.6516, 0.3433,
0.3358

0.0000, 0.0000,
0.0000

35.3941, 0.3736,
0.3411

35.3941, 0.3736,
0.3411

29.9452, 0.4034,
0.3454

41.7113, 0.3488,
0.3368

25.3218, 0.4386,
0.3493

48.9275, 0.3284,
0.3326

21.4848, 0.4787,
0.3522

57.0776, 0.3116,
0.3287

18.3901, 0.5216,
0.3533

66.1936, 0.2978,
0.3252

15.9890, 0.5635,
0.3520

76.3058, 0.2865,
0.3219

■ 14.2269, 0.5990,
0.3478

■ 87.1958, 0.2790,
0.3230

■ 13.0361, 0.6241,
0.3418

■ 90.7430, 0.2794,
0.3289

■ 12.9693, 0.6257,
0.3414

Harmonies

Analogous

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



35.3941, 0.3551, 0.3148



35.3941, 0.3736, 0.3411



35.3941, 0.3747, 0.3660

Triad

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



35.3941, 0.3736, 0.3411



35.3941, 0.2983, 0.3700



35.3941, 0.2674, 0.2772

Complementary

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



35.3941, 0.3736, 0.3411



46.0394, 0.2695, 0.3165

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.



35.3941, 0.2541, 0.2885



35.3941, 0.3736, 0.3411



35.3941, 0.2712, 0.3422

Square

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



35.3941, 0.3736, 0.3411



35.3941, 0.3302, 0.3850



35.3941, 0.2554, 0.3119



35.3941, 0.2929, 0.2790

Rectangle

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



35.3941, 0.3736, 0.3411



35.3941, 0.3655, 0.3785



35.3941, 0.2554, 0.3119



35.3941, 0.2615, 0.2795

Sweetspot

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



35.3958, 0.3736, 0.3411



86.8574, 0.3281, 0.3326



34.4495, 0.3245, 0.2669



18.1643, 0.3309, 0.3332



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.



35.3958, 0.3736, 0.3411



56.4880, 0.3916, 0.3438



45.6149, 0.3632, 0.3776



10.8984, 0.3286, 0.3327



8.5175, 0.6239, 0.3428



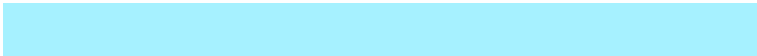
0.4900, 0.5884, 0.3710

Inverse Universe

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



46.0394, 0.2695, 0.3165



78.2955, 0.2611, 0.3134



34.8991, 0.2650, 0.2750



11.7762, 0.2984, 0.3253



20.7889, 0.2109, 0.2794



1.0621, 0.2141, 0.2907

Previews

White Background



This preview shows how the Yxy color 35.3941, 0.3736, 0.3411 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 35.3941, 0.3736, 0.3411 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 35.3941, 0.3736, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 35.3941, 0.3736, 0.3411.



This preview shows how white text looks on a background with the Yxy color 35.3941, 0.3736, 0.3411.

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

35.3941, 0.3736, 0.3411

Protanopia

35.4324, 0.3324, 0.3495

Deuteranopia

35.4971, 0.3578, 0.3514



Tritanopia

35.3058, 0.3576, 0.3135

Trichromacy



Original Color

35.3941, 0.3736, 0.3411

Protanomaly

35.2555, 0.3464, 0.3461

Deuteranomaly

35.4654, 0.3637, 0.3483

Tritanomaly

35.2439, 0.3637, 0.3239

Monochromacy



Original Color

35.3941, 0.3736, 0.3411

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0504, 0.3333, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3941, 0.3736, 0.3411 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(198, 149, 140)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 140)  
}
```

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(198, 149, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 140) }
```

Border

The CSS property to change the border of an element to Yxy 35.3941, 0.3736, 0.3411 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(198, 149, 140) }
```

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

```
.border{ border-color:rgb(198, 149, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 140);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3941, 0.3736, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 140) }
```

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

```
.background{ background-color: rgb(198,  
149, 140) }
```

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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