

Converting Colors

$Yxy(35.0653, 0.3945, 0.3537)$

Have a look what the booklet for
Yxy(35.0653, 0.3945, 0.3537)
contains.

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Color

Yxy(34.9537, 0.3942, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	CC9280
RGB	204, 146, 128
RGB Percent	80%, 57%, 50%
CMY	0.2000, 0.4274, 0.4981
CMYK	0.00, 0.28, 0.37, 0.20
HSL	14°, 43%, 65%
HSV	14°, 37%, 80%
XYZ	39.0776, 34.9537, 25.1000
YIQ	161.2900, 40.3460, 6.6980

Conversions

Conversions Part 2

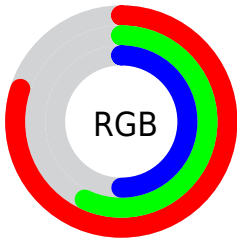
Format	Color
RYB	204, 152, 128
Decimal	13406848
CIELab	65.71, 19.58, 18.25
CIELCh	66, 26.770, 42.987
Yxy	34.9537, 0.3942, 0.3526
Android (android.graphics.Color)	4291596928 (0xFFCC9280)
YUV	161.2900, -16.4120, 37.4567
Hunter-Lab	59.1217, 14.5200, 16.2136

Details

The Yxy color **34.9537, 0.3942, 0.3526** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0570, 0.2575, 0.3037**, and the grayscale version is **35.8466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9047, 0.3719, 0.3489**, and **15.0448, 0.4205, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **29.9949, 0.4262, 0.3588**, and if you desaturate by 10%, it is **40.6771, 0.3668, 0.3460**.

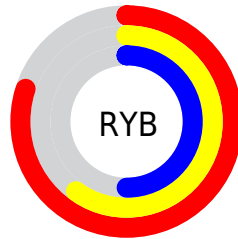
Distribution



Red (80%)

Green (57%)

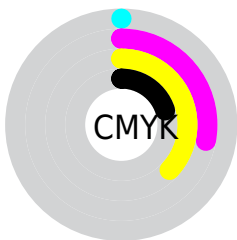
Blue (50%)



Red (80%)

Yellow (60%)

Blue (50%)

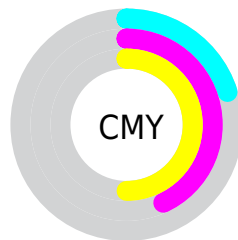


Cyan (0%)

Magenta (28%)

Yellow (37%)

Black (20%)



Cyan (20%)


Magenta (43%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9537, 0.3942, 0.3526 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 34.9537, 0.3942, 0.3526 by changing the saturation by 10% instead.


 34.9537, 0.3942,
0.3526


 34.9537, 0.3942,
0.3526


324.3639, 0.3511,
0.3416


 23.6272, 0.4057,
0.3550


 67.4140, 0.3780,
0.3488

 15.0573, 0.4208,
0.3577


 89.3167, 0.3721,
0.3474

 8.8596, 0.4415,
0.3608


 115.5135, 0.3671,
0.3461

 4.6497, 0.4716,
0.3638

146.3889, 0.3630,
0.3449

 2.0433, 0.5216,
0.3673

182.3272, 0.3594,
0.3439

 0.6324, 0.6354,
0.3646

223.7129, 0.3563,

 0.0000, 1.0000,

0.3431

0.0000

270.9303, 0.3535,
0.3423

0.0000, 0.0000,
0.0000

34.9537, 0.3942,
0.3526

34.9537, 0.3942,
0.3526

29.9949, 0.4262,
0.3588

40.6771, 0.3668,
0.3460

25.7629, 0.4625,
0.3638

47.1908, 0.3438,
0.3395

22.2242, 0.5018,
0.3668

54.5255, 0.3246,
0.3333


19.3406, 0.5414,
0.3667


62.7085, 0.3086,
0.3275

17.0698, 0.5771,
0.3626

71.7662, 0.2953,
0.3221

 15.3627, 0.6049,
0.3548

 81.7236, 0.2842,
0.3173

 14.9833, 0.6115,
0.3527

 91.5461, 0.2827,
0.3289

 91.5787, 0.2827,
0.3289

Harmonies

Analogous

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



34.9537, 0.3759, 0.3192



34.9537, 0.3942, 0.3526



34.9537, 0.3887, 0.3829

Triad

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



34.9537, 0.3942, 0.3526



34.9537, 0.2833, 0.3738



34.9537, 0.2623, 0.2623

Complementary

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



34.9537, 0.3942, 0.3526



44.0570, 0.2575, 0.3037

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.



34.9537, 0.2411, 0.2714



34.9537, 0.3942, 0.3526



34.9537, 0.2524, 0.3346

Square

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



34.9537, 0.3942, 0.3526



34.9537, 0.3234, 0.3992



34.9537, 0.2376, 0.2968



34.9537, 0.2977, 0.2692

Rectangle

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



34.9537, 0.3942, 0.3526



34.9537, 0.3729, 0.3971



34.9537, 0.2376, 0.2968



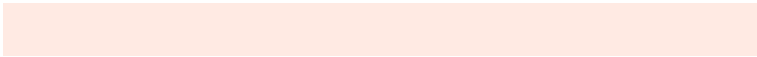
34.9537, 0.2534, 0.2635

Sweetspot

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



34.9554, 0.3942, 0.3526



85.4220, 0.3317, 0.3356



31.8270, 0.3350, 0.2569



17.9250, 0.3343, 0.3365



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.



34.9554, 0.3942, 0.3526



50.9666, 0.4205, 0.3578



48.5669, 0.3767, 0.3987



11.6383, 0.3284, 0.3346



9.5509, 0.6091, 0.3545



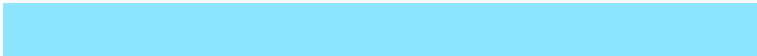
0.6137, 0.5700, 0.3856

Inverse Universe

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



44.0570, 0.2575, 0.3037



68.1893, 0.2465, 0.2970



30.2058, 0.2494, 0.2476



12.2586, 0.2983, 0.3234



17.7807, 0.2031, 0.2512



1.0292, 0.2078, 0.2681

Previews

White Background



This preview shows how the Yxy color 34.9537, 0.3942, 0.3526 looks on a white background.

Color Contrast Check

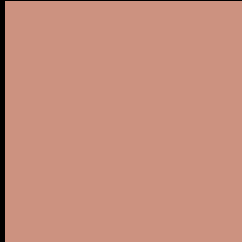
Large Text (above 18pt) WCAG AA × Fail

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 34.9537, 0.3942, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

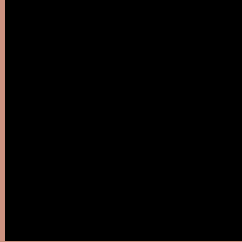
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9537, 0.3942, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 34.9537, 0.3942, 0.3526.



This preview shows how white text looks on a background with the Yxy color 34.9537, 0.3942, 0.3526.

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

34.9537, 0.3942, 0.3526

Protanopia

35.2979, 0.3457, 0.3671

Deuteranopia

35.2083, 0.3735, 0.3665



Tritanopia

34.7677, 0.3705, 0.3151

Trichromacy



Original Color

34.9537, 0.3942, 0.3526

Protanomaly

35.0537, 0.3628, 0.3615

Deuteranomaly

35.0030, 0.3812, 0.3617

Tritanomaly

34.6377, 0.3790, 0.3279

Monochromacy



Original Color

34.9537, 0.3942, 0.3526

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2940, 0.3404, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9537, 0.3942, 0.3526 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(204, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(204, 146, 128)  
}
```

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(204, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 146, 128) }
```

Border

The CSS property to change the border of an element to Yxy 34.9537, 0.3942, 0.3526 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(204, 146, 128) }
```

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

```
.border{ border-color:rgb(204, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 146, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 146, 128); box-shadow:4px 4px 4px 4px rgb(204, 146, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9537, 0.3942, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 146, 128) }
```

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

```
.background{ background-color: rgb(204,  
146, 128) }
```

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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