

Converting Colors

$Yxy(35.0747, 0.3978, 0.3510)$

Have a look what the booklet for
Yxy(35.0747, 0.3978, 0.3510)
contains.

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Color

Yxy(35.0747, 0.3978, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	CF9180
RGB	207, 145, 128
RGB Percent	81%, 57%, 50%
CMY	0.1883, 0.4313, 0.4980
CMYK	0.00, 0.30, 0.38, 0.19
HSL	13°, 45%, 66%
HSV	13°, 38%, 81%
XYZ	39.7513, 35.0747, 25.1019
YIQ	161.6000, 42.4090, 7.8570

Conversions

Conversions Part 2

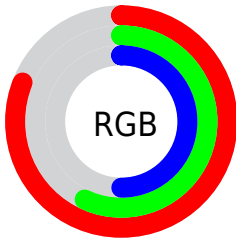
Format	Color
R_{YB}	207, 150, 128
Decimal	13603200
CIE _{Lab}	65.81, 21.30, 18.41
CIE _{LCh}	66, 28.155, 40.839
Yxy	35.0747, 0.3978, 0.3510
Android (android.graphics.Color)	4291793280 (0xFFCF9180)
YUV	161.6000, -16.5648, 39.8158
Hunter-Lab	59.2239, 16.1681, 16.3268

Details

The Yxy color **35.0747, 0.3978, 0.3510** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9164, 0.2566, 0.3054**, and the grayscale version is **35.9997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4430, 0.3722, 0.3479**, and **15.1492, 0.4258, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **29.9708, 0.4308, 0.3565**, and if you desaturate by 10%, it is **41.0029, 0.3696, 0.3450**.

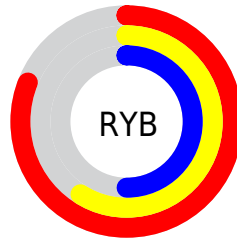
Distribution



Red (81%)

Green (57%)

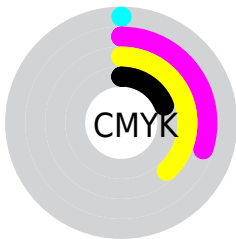
Blue (50%)



Red (81%)

Yellow (59%)

Blue (50%)

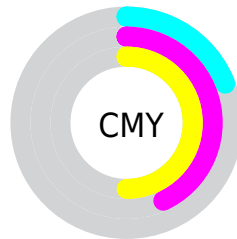


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (19%)



Cyan (19%)

Magenta (43%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0747, 0.3978, 0.3510 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 35.0747, 0.3978, 0.3510 by changing the saturation by 10% instead.

 35.0747, 0.3978,
0.3510


 35.0747, 0.3978,
0.3510


324.8979, 0.3528,
0.3409

 23.7204, 0.4098,
0.3531


 67.6015, 0.3809,
0.3476

 15.1264, 0.4255,
0.3554


 89.5428, 0.3747,
0.3463

 8.9081, 0.4471,
0.3579


 115.7818, 0.3696,
0.3451

 4.6813, 0.4783,
0.3599

146.7031, 0.3652,
0.3441

 2.0615, 0.5300,
0.3616

182.6910, 0.3614,
0.3431

 0.6428, 0.6445,
0.3555

224.1298, 0.3582,

 0.0000, 1.0000,

0.3423

0.0000

271.4040, 0.3553,
0.3416

0.0000, 0.0000,
0.0000

35.0747, 0.3978,
0.3510

35.0747, 0.3978,
0.3510

29.9708, 0.4308,
0.3565

41.0029, 0.3696,
0.3450

25.6494, 0.4684,
0.3609

47.7849, 0.3459,
0.3391

22.0726, 0.5088,
0.3633


55.4547, 0.3262,
0.3334

19.1971, 0.5491,
0.3625


64.0430, 0.3099,
0.3281

16.9749, 0.5848,
0.3581

73.5790, 0.2964,
0.3232

 15.3488, 0.6116,
0.3505

 84.0907, 0.2851,
0.3187

 15.1057, 0.6159,
0.3491

 92.0032, 0.2844,
0.3289

Harmonies

Analogous

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



35.0747, 0.3769, 0.3162



35.0747, 0.3978, 0.3510



35.0747, 0.3937, 0.3833

Triad

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



35.0747, 0.3978, 0.3510



35.0747, 0.2846, 0.3788



35.0747, 0.2577, 0.2593

Complementary

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



35.0747, 0.3978, 0.3510



45.9164, 0.2566, 0.3054

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.



35.0747, 0.2368, 0.2698



35.0747, 0.3978, 0.3510



35.0747, 0.2513, 0.3378

Square

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



35.0747, 0.3978, 0.3510



35.0747, 0.3269, 0.4040



35.0747, 0.2345, 0.2975



35.0747, 0.2939, 0.2654

Rectangle

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



35.0747, 0.3978, 0.3510



35.0747, 0.3780, 0.3991



35.0747, 0.2345, 0.2975



35.0747, 0.2488, 0.2609

Sweetspot

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



35.0764, 0.3978, 0.3510



85.0738, 0.3317, 0.3350



32.4755, 0.3330, 0.2522



17.8426, 0.3344, 0.3358



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.



35.0764, 0.3978, 0.3510



49.2615, 0.4253, 0.3557



48.8103, 0.3796, 0.3974



12.2148, 0.3285, 0.3341



9.6331, 0.6137, 0.3509



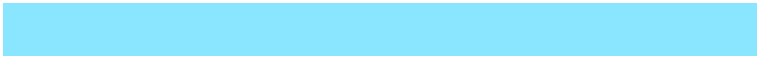
0.6579, 0.5778, 0.3794

Inverse Universe

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



45.9164, 0.2566, 0.3054



69.0545, 0.2458, 0.2993



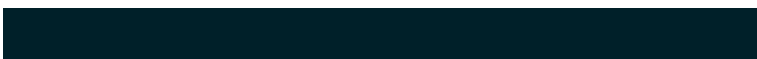
31.4558, 0.2483, 0.2492



12.9572, 0.2983, 0.3239



19.3619, 0.2052, 0.2587



1.1927, 0.2092, 0.2731

Previews

White Background



This preview shows how the Yxy color 35.0747, 0.3978, 0.3510 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 35.0747, 0.3978, 0.3510 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 35.0747, 0.3978, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 35.0747, 0.3978, 0.3510.



This preview shows how white text looks on a background with the Yxy color 35.0747, 0.3978, 0.3510.

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

35.0747, 0.3978, 0.3510

Protanopia

35.3259, 0.3447, 0.3656

Deuteranopia

35.1824, 0.3745, 0.3679



Tritanopia

35.1683, 0.3747, 0.3165

Trichromacy



Original Color

35.0747, 0.3978, 0.3510

Protanomaly

35.1759, 0.3638, 0.3614

Deuteranomaly

35.1349, 0.3822, 0.3615

Tritanomaly

35.0380, 0.3833, 0.3292

Monochromacy



Original Color

35.0747, 0.3978, 0.3510

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4439, 0.3405, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0747, 0.3978, 0.3510 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, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 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(207, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 128) }
```

Border

The CSS property to change the border of an element to Yxy 35.0747, 0.3978, 0.3510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

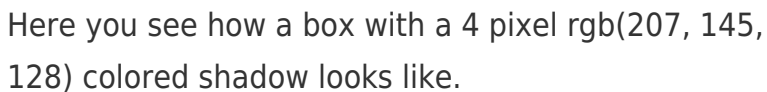
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 145, 128) }
```

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

```
.border{ border-color:rgb(207, 145, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 145, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 145, 128); box-shadow:4px 4px 4px 4px rgb(207, 145, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0747, 0.3978, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 128) }
```

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

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