

Converting Colors

$Yxy(34.6056, 0.3805, 0.3410)$

Have a look what the booklet for
Yxy(34.6056, 0.3805, 0.3410)
contains.

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Color

Yxy(34.6433, 0.3801, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	C89289
RGB	200, 146, 137
RGB Percent	78%, 57%, 54%
CMY	0.2159, 0.4273, 0.4628
CMYK	0.00, 0.27, 0.31, 0.22
HSL	9°, 36%, 66%
HSV	9°, 31%, 78%
XYZ	38.6043, 34.6433, 28.3159
YIQ	161.1200, 35.0730, 8.6490

Conversions

Conversions Part 2

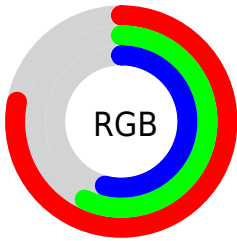
Format	Color
R _{YB}	200, 148, 137
Decimal	13144713
CIE Lab	65.47, 19.12, 12.81
CIE LCh	65, 23.013, 33.812
Yxy	34.6433, 0.3801, 0.3411
Android (android.graphics.Color)	4291334793 (0xFFC89289)
YUV	161.1200, -11.8912, 34.0978
Hunter-Lab	58.8586, 14.0725, 12.6775

Details

The Yxy color **34.6433, 0.3801, 0.3411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7133, 0.2666, 0.3164**, and the grayscale version is **35.7433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2863, 0.3646, 0.3395**, and **14.8923, 0.4034, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **29.2315, 0.4114, 0.3450**, and if you desaturate by 10%, it is **40.9558, 0.3540, 0.3371**.

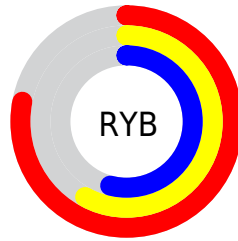
Distribution



Red (78%)

Green (57%)

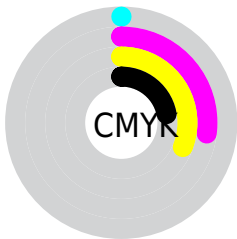
Blue (54%)



Red (78%)

Yellow (58%)

Blue (54%)

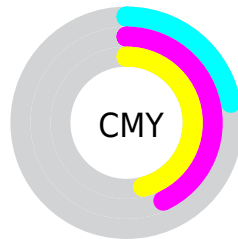


Cyan (0%)

Magenta (27%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6433, 0.3801, 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 34.6433, 0.3801, 0.3411 by changing the saturation by 10% instead.

 34.6433, 0.3801,
0.3411

 34.6433, 0.3801,
0.3411


322.9911, 0.3444,
0.3356


 23.3882, 0.3897,
0.3422


 66.9328, 0.3666,
0.3393

 14.8804, 0.4024,
0.3435


 88.7360, 0.3617,
0.3385

 8.7355, 0.4200,
0.3448


 114.8241, 0.3576,
0.3379

 4.5691, 0.4459,
0.3458

145.5815, 0.3542,
0.3373

 1.9967, 0.4873,
0.3452

181.3924, 0.3512,
0.3368

 0.6056, 0.6361,
0.3639

222.6414, 0.3486,

 0.0000, 0.0000,


0.3364


0.0000

269.7128, 0.3464,
0.3360


 34.6433, 0.3801,
0.3411


 34.6433, 0.3801,
0.3411


 29.2315, 0.4114,
0.3450


 40.9558, 0.3540,
0.3371


 24.6745, 0.4482,
0.3485


 48.2024, 0.3326,
0.3332

 20.9299, 0.4896,
0.3508

 56.4207, 0.3150,
0.3295

 17.9494, 0.5331,
0.3513

 65.6450, 0.3006,
0.3262

 15.6799, 0.5744,
0.3494

 75.9077, 0.2888,
0.3231

■ 14.0609, 0.6077,
0.3448

■ 87.1126, 0.2800,
0.3224

■ 13.1367, 0.6274,
0.3400

■ 91.0132, 0.2805,
0.3289

Harmonies

Analogous

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



34.6433, 0.3588, 0.3122



34.6433, 0.3801, 0.3411



34.6433, 0.3819, 0.3689

Triad

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



34.6433, 0.3801, 0.3411



34.6433, 0.2977, 0.3757



34.6433, 0.2618, 0.2719

Complementary

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



34.6433, 0.3801, 0.3411



46.7133, 0.2666, 0.3164

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.



34.6433, 0.2477, 0.2846



34.6433, 0.3801, 0.3411



34.6433, 0.2675, 0.3447

Square

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



34.6433, 0.3801, 0.3411



34.6433, 0.3331, 0.3918



34.6433, 0.2497, 0.3107



34.6433, 0.2895, 0.2736

Rectangle

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



34.6433, 0.3801, 0.3411



34.6433, 0.3720, 0.3832



34.6433, 0.2497, 0.3107



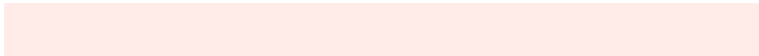
34.6433, 0.2554, 0.2745

Sweetspot

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



34.6449, 0.3801, 0.3411



86.7021, 0.3281, 0.3323



33.9487, 0.3245, 0.2609



18.1264, 0.3309, 0.3328



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.



34.6449, 0.3801, 0.3411



53.2381, 0.4016, 0.3439



45.4717, 0.3680, 0.3802



10.8784, 0.3286, 0.3324



8.4371, 0.6256, 0.3414



0.4809, 0.5918, 0.3683

Inverse Universe

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



46.7133, 0.2666, 0.3164



77.4676, 0.2574, 0.3132



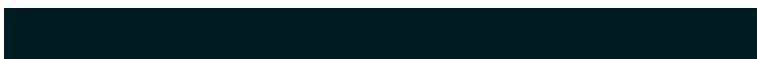
34.6548, 0.2613, 0.2718



11.7981, 0.2984, 0.3256



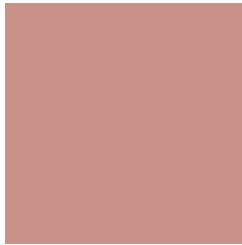
21.3450, 0.2120, 0.2833



1.0836, 0.2149, 0.2937

Previews

White Background



This preview shows how the Yxy color 34.6433, 0.3801, 0.3411 looks on a white background.

Color Contrast Check

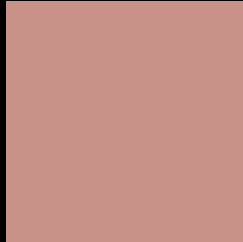
Large Text (above 18pt) WCAG AA × Fail

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 34.6433, 0.3801, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

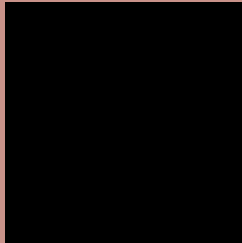
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6433, 0.3801, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 34.6433, 0.3801, 0.3411.



This preview shows how white text looks on a background with the Yxy color 34.6433, 0.3801, 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

34.6433, 0.3801, 0.3411

Protanopia

34.9169, 0.3334, 0.3511

Deuteranopia

34.6273, 0.3605, 0.3530



Tritanopia

34.5346, 0.3648, 0.3149

Trichromacy



Original Color

34.6433, 0.3801, 0.3411

Protanomaly

34.4993, 0.3499, 0.3476

Deuteranomaly

34.4091, 0.3679, 0.3484

Tritanomaly

34.5021, 0.3700, 0.3239

Monochromacy



Original Color

34.6433, 0.3801, 0.3411

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1579, 0.3355, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6433, 0.3801, 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(200, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 146, 137)  
}
```

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(200, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 146, 137) }
```

Border

The CSS property to change the border of an element to Yxy 34.6433, 0.3801, 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(200, 146, 137) }
```

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

```
.border{ border-color:rgb(200, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 146,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6433, 0.3801, 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(200, 146, 137) }
```

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

```
.background{ background-color: rgb(200,  
146, 137) }
```

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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