

Converting Colors

$Yxy(34.2860, 0.4284, 0.3854)$

Have a look what the booklet for
Yxy(34.2860, 0.4284, 0.3854)
contains.

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Color

Yxy(34.1320, 0.4281, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	CF9064
RGB	207, 144, 100
RGB Percent	81%, 56%, 39%
CMY	0.1883, 0.4352, 0.6079
CMYK	0.00, 0.30, 0.52, 0.19
HSL	25°, 53%, 60%
HSV	25°, 52%, 81%
XYZ	38.0024, 34.1320, 16.6355
YIQ	157.8210, 51.6720, -0.3280

Conversions

Conversions Part 2

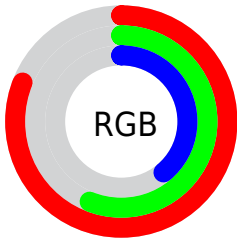
Format	Color
R _Y B	207, 175, 100
Decimal	13602916
CIE Lab	65.07, 18.92, 32.85
CIE LCh	65, 37.912, 60.059
Yxy	34.1320, 0.4281, 0.3845
Android (android.graphics.Color)	4291792996 (0xFFCF9064)
YUV	157.8210, -28.5058, 43.1300
Hunter-Lab	58.4226, 13.8700, 24.0134

Details

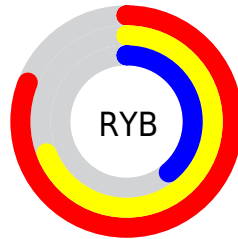
The Yxy color **34.1320, 0.4281, 0.3845** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3900, 0.2333, 0.2631**, and the grayscale version is **34.2207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8825, 0.3966, 0.3781**, and **14.5607, 0.4646, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **30.2891, 0.4589, 0.3929**, and if you desaturate by 10%, it is **38.4783, 0.3996, 0.3743**.

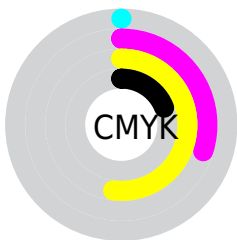
Distribution



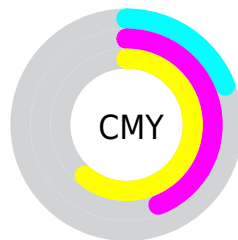
- Red (81%)
- Green (56%)
- Blue (39%)



- Red (81%)
- Yellow (69%)
- Blue (39%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1320, 0.4281, 0.3845 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 34.1320, 0.4281, 0.3845 by changing the saturation by 10% instead.


 34.1320, 0.4281,
0.3845


 34.1320, 0.4281,
0.3845


320.7202, 0.3676,
0.3585

 22.9950, 0.4436,
0.3899


 66.1389, 0.4057,
0.3757

 14.5898, 0.4636,
0.3960


 87.7776, 0.3974,
0.3722

 8.5320, 0.4897,
0.4023


 113.6857, 0.3904,
0.3691

 4.4372, 0.5256,
0.4078

 144.2475, 0.3845,
0.3665

 1.9210, 0.5856,
0.4144

179.8474, 0.3794,
0.3641

 0.5610, 0.6417,
0.3583

220.8700, 0.3750,

 0.0000, 0.0000,

0.3620

0.0000

267.6994, 0.3711,
0.3601

■ 34.1320, 0.4281,
0.3845

■ 34.1320, 0.4281,
0.3845

■ 30.2891, 0.4589,
0.3929

■ 38.4783, 0.3996,
0.3743

■ 26.9241, 0.4906,
0.3981

■ 43.3419, 0.3740,
0.3632

■ 24.0163, 0.5213,
0.3989

■ 48.7425, 0.3516,
0.3520

■ 21.5411, 0.5484,
0.3945

■ 54.6970, 0.3321,
0.3410

■ 19.7886, 0.5677,
0.3875

■ 61.2217, 0.3153,
0.3307

■ 68.3319, 0.3009,
0.3211

■ 76.0425, 0.2886,
0.3122

■ 83.6682, 0.2835,
0.3148

■ 91.1412, 0.2843,
0.3275

Harmonies

Analogous

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



34.1320, 0.4222, 0.3394



34.1320, 0.4281, 0.3845



34.1320, 0.4006, 0.4217

Triad

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



34.1320, 0.4281, 0.3845



34.1320, 0.2437, 0.3619



34.1320, 0.2675, 0.2402

Complementary

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



34.1320, 0.4281, 0.3845



33.3900, 0.2333, 0.2631

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.



34.1320, 0.2270, 0.2388



34.1320, 0.4281, 0.3845



34.1320, 0.2141, 0.3028

Square

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



34.1320, 0.4281, 0.3845



34.1320, 0.2932, 0.4148



34.1320, 0.2086, 0.2594



34.1320, 0.3243, 0.2605

Rectangle

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



34.1320, 0.4281, 0.3845



34.1320, 0.3690, 0.4350



34.1320, 0.2086, 0.2594



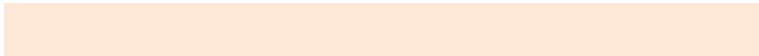
34.1320, 0.2518, 0.2374

Sweetspot

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



34.1337, 0.4281, 0.3845



83.2711, 0.3405, 0.3459



25.0606, 0.3694, 0.2502



17.4000, 0.3446, 0.3482



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.



34.1337, 0.4281, 0.3845



47.9473, 0.4622, 0.3936



53.7930, 0.3936, 0.4426



12.5958, 0.3280, 0.3386



12.6456, 0.5652, 0.3894



0.8617, 0.5323, 0.4156

Inverse Universe

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



33.3900, 0.2333, 0.2631



46.5574, 0.2185, 0.2459



18.5111, 0.2171, 0.1813



12.5573, 0.2983, 0.3192



11.7704, 0.1859, 0.1893



0.8124, 0.1938, 0.2176

Previews

White Background



This preview shows how the Yxy color 34.1320, 0.4281, 0.3845 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 34.1320, 0.4281, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

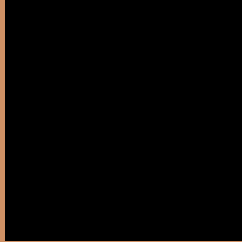
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1320, 0.4281, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 34.1320, 0.4281, 0.3845.



This preview shows how white text looks on a background with the Yxy color 34.1320, 0.4281, 0.3845.

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

34.1320, 0.4281, 0.3845

Protanopia

34.2650, 0.3760, 0.4047

Deuteranopia

34.1104, 0.4072, 0.3991



Tritanopia

34.1640, 0.3828, 0.3166

Trichromacy



Original Color

34.1320, 0.4281, 0.3845

Protanomaly

34.0962, 0.3947, 0.3970

Deuteranomaly

33.9510, 0.4157, 0.3935

Tritanomaly

34.0965, 0.4002, 0.3406

Monochromacy



Original Color

34.1320, 0.4281, 0.3845

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8187, 0.3520, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1320, 0.4281, 0.3845 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, 144, 100)` looks like.

```
.text, #text, p{  
    color:rgb(207, 144, 100)  
}
```

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, 144, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 144, 100) }
```

Border

The CSS property to change the border of an element to Yxy 34.1320, 0.4281, 0.3845 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, 144, 100) }
```

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

```
.border{ border-color:rgb(207, 144, 100) }
```

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

Here you see how a box with a 4 pixel rgb(207, 144, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 144, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 144, 100);  
box-shadow:4px 4px 4px 4px rgb(207, 144,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1320, 0.4281, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 144, 100) }
```

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

```
.background{ background-color: rgb(207,  
144, 100) }
```

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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