

Converting Colors

$Y_{xy}(35.4685, 0.4206, 0.3671)$

Have a look what the booklet for
Yxy(35.4685, 0.4206, 0.3671)
contains.

Yxy(35.4576, 0.4208, 0.3662)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.4576, 0.4208, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	D69072
RGB	214, 144, 114
RGB Percent	84%, 56%, 45%
CMY	0.1608, 0.4353, 0.5528
CMYK	0.00, 0.33, 0.47, 0.16
HSL	18°, 55%, 64%
HSV	18°, 47%, 84%
XYZ	40.7443, 35.4576, 20.6239
YIQ	161.5100, 51.3500, 5.5100

Conversions

Conversions Part 2

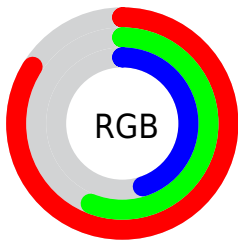
Format	Color
R _Y B	214, 157, 114
Decimal	14061682
CIE Lab	66.10, 23.11, 26.70
CIE LCh	66, 35.311, 49.120
Yxy	35.4576, 0.4208, 0.3662
Android (android.graphics.Color)	4292251762 (0xFFD69072)
YUV	161.5100, -23.4224, 46.0337
Hunter-Lab	59.5463, 17.9319, 21.1473

Details

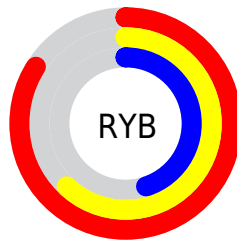
The Yxy color **35.4576, 0.4208, 0.3662** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.7280, 0.2433, 0.2869**, and the grayscale version is **35.9857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4013, 0.3846, 0.3626**, and **15.2900, 0.4536, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **30.7856, 0.4547, 0.3729**, and if you desaturate by 10%, it is **40.8496, 0.3906, 0.3583**.

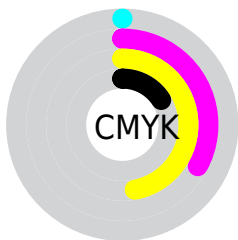
Distribution



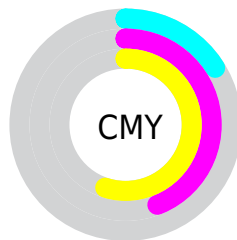
- Red (84%)
- Green (56%)
- Blue (45%)



- Red (84%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4576, 0.4208, 0.3662 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 35.4576, 0.4208, 0.3662 by changing the saturation by 10% instead.

 35.4576, 0.4208,
0.3662


 35.4576, 0.4208,
0.3662


326.5836, 0.3640,
0.3493

 24.0156, 0.4356,
0.3696


 68.1941, 0.3996,
0.3606

 15.3452, 0.4548,
0.3733


 90.2573, 0.3918,
0.3584

 9.0620, 0.4806,
0.3769


 116.6297, 0.3853,
0.3564

 4.7816, 0.5164,
0.3792

 147.6957, 0.3798,
0.3546

 2.1197, 0.5934,
0.3928

183.8397, 0.3750,
0.3531

 0.6757, 0.6512,
0.3488

225.4461, 0.3709,

 0.0000, 1.0000,

0.3517

0.0000

272.8993, 0.3672,
0.3504

■ 0.0000, 0.0000,
0.0000

■ 35.4576, 0.4208,
0.3662

■ 35.4576, 0.4208,
0.3662

■ 30.7856, 0.4547,
0.3729

■ 40.8496, 0.3906,
0.3583

■ 26.7967, 0.4913,
0.3773

■ 46.9859, 0.3646,
0.3500

■ 23.4585, 0.5283,
0.3782

■ 53.8960, 0.3424,
0.3418

■ 20.7333, 0.5624,
0.3746

■ 61.6063, 0.3236,
0.3340

■ 18.5783, 0.5899,
0.3665

■ 70.1419, 0.3078,
0.3267

■ 17.9818, 0.5979,
0.3635

■ 79.5265, 0.2946,
0.3199

■ 89.2014, 0.2880,
0.3227

■ 93.0368, 0.2883,
0.3289

Harmonies

Analogous

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



35.4576, 0.4032, 0.3238



35.4576, 0.4208, 0.3662



35.4576, 0.4063, 0.4042

Triad

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



35.4576, 0.4208, 0.3662



35.4576, 0.2643, 0.3788



35.4576, 0.2552, 0.2438

Complementary

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



35.4576, 0.4208, 0.3662



42.7280, 0.2433, 0.2869

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.



35.4576, 0.2245, 0.2501



35.4576, 0.4208, 0.3662



35.4576, 0.2290, 0.3242

Square

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



35.4576, 0.4208, 0.3662



35.4576, 0.3144, 0.4186



35.4576, 0.2153, 0.2774



35.4576, 0.3034, 0.2567

Rectangle

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



35.4576, 0.4208, 0.3662



35.4576, 0.3819, 0.4215



35.4576, 0.2153, 0.2774



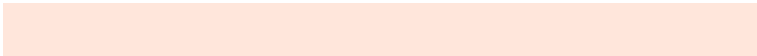
35.4576, 0.2428, 0.2437

Sweetspot

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



35.4593, 0.4208, 0.3662



82.9857, 0.3372, 0.3398



29.8691, 0.3483, 0.2443



17.2473, 0.3415, 0.3415



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.



35.4593, 0.4208, 0.3662



45.8814, 0.4542, 0.3728



53.3623, 0.3923, 0.4213



13.0217, 0.3284, 0.3361



11.0283, 0.5952, 0.3656



0.8090, 0.5609, 0.3929

Inverse Universe

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



42.7280, 0.2433, 0.2869



57.8583, 0.2309, 0.2763



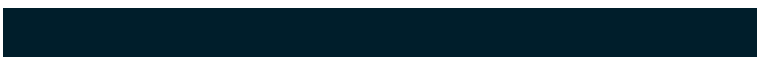
25.9554, 0.2302, 0.2146



13.4499, 0.2982, 0.3218



16.2780, 0.1969, 0.2288



1.1235, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 35.4576, 0.4208, 0.3662 looks on a white background.

Color Contrast Check

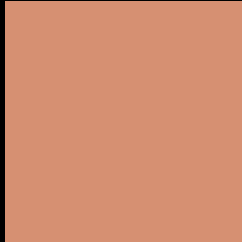
Large Text (above 18pt) WCAG AA × Fail

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 35.4576, 0.4208, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

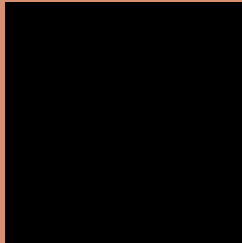
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4576, 0.4208, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 35.4576, 0.4208, 0.3662.



This preview shows how white text looks on a background with the Yxy color 35.4576, 0.4208, 0.3662.

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

35.4576, 0.4208, 0.3662

Protanopia

35.6409, 0.3607, 0.3871

Deuteranopia

35.4875, 0.3938, 0.3858



Tritanopia

35.4190, 0.3865, 0.3157

Trichromacy



Original Color

35.4576, 0.4208, 0.3662

Protanomaly

35.3155, 0.3820, 0.3802

Deuteranomaly

35.2843, 0.4036, 0.3776

Tritanomaly

35.4548, 0.3993, 0.3342

Monochromacy



Original Color

35.4576, 0.4208, 0.3662

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3108, 0.3487, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4576, 0.4208, 0.3662 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(214, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(214, 144, 114)  
}
```

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(214, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 144, 114) }
```

Border

The CSS property to change the border of an element to Yxy 35.4576, 0.4208, 0.3662 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(214, 144, 114) }
```

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

```
.border{ border-color:rgb(214, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(214, 144,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4576, 0.4208, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 144, 114) }
```

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

```
.background{ background-color: rgb(214,  
144, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor