

Converting Colors

$Y_{xy}(36.0904, 0.4282, 0.3621)$

Have a look what the booklet for
Yxy(36.0904, 0.4282, 0.3621)
contains.

Yxy(35.9560, 0.4282, 0.3615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.9560, 0.4282, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	DD8E73
RGB	221, 142, 115
RGB Percent	87%, 56%, 45%
CMY	0.1333, 0.4431, 0.5490
CMYK	0.00, 0.36, 0.48, 0.13
HSL	15°, 61%, 66%
HSV	15°, 48%, 87%
XYZ	42.5902, 35.9560, 20.9171
YIQ	162.5430, 55.7510, 8.3510

Conversions

Conversions Part 2

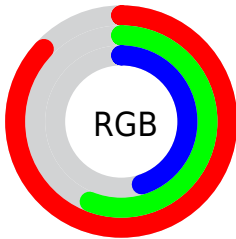
Format	Color
R _Y B	221, 151, 115
Decimal	14519923
CIE Lab	66.49, 27.07, 26.82
CIE LCh	66, 38.103, 44.731
Yxy	35.9560, 0.4282, 0.3615
Android (android.graphics.Color)	4292710003 (0xFFDD8E73)
YUV	162.5430, -23.4387, 51.2668
Hunter-Lab	59.9633, 21.8475, 21.2921

Details

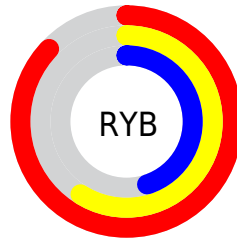
The Yxy color **35.9560, 0.4282, 0.3615** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.4619, 0.2428, 0.2923**, and the grayscale version is **36.4933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5299, 0.3845, 0.3595**, and **15.6739, 0.4638, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **30.9632, 0.4644, 0.3668**, and if you desaturate by 10%, it is **41.7989, 0.3961, 0.3549**.

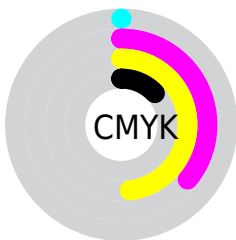
Distribution



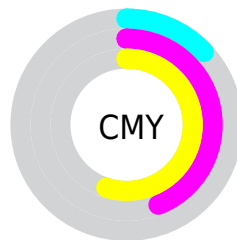
- Red (87%)
- Green (56%)
- Blue (45%)



- Red (87%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (48%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9560, 0.4282, 0.3615 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 35.9560, 0.4282, 0.3615 by changing the saturation by 10% instead.


 35.9560, 0.4282,
0.3615


 35.9560, 0.4282,
0.3615


328.7682, 0.3676,
0.3474

 24.4002, 0.4439,
0.3640


 68.9641, 0.4057,
0.3571

 15.6308, 0.4643,
0.3665


 91.1853, 0.3973,
0.3552

 9.2633, 0.4917,
0.3685


 117.7304, 0.3904,
0.3535

 4.9133, 0.5295,
0.3684

148.9837, 0.3845,
0.3520

 2.1965, 0.6058,
0.3751

185.3298, 0.3794,
0.3507

 0.7181, 0.6687,
0.3313

227.1530, 0.3749,

 0.0000, 1.0000,

0.3495

0.0000

274.8376, 0.3711,
0.3484

0.0000, 0.0000,
0.0000

35.9560, 0.4282,
0.3615

35.9560, 0.4282,
0.3615

30.9632, 0.4644,
0.3668

41.7989, 0.3961,
0.3549

26.7746, 0.5033,
0.3699

48.5242, 0.3686,
0.3479

23.3479, 0.5422,
0.3696


56.1691, 0.3454,
0.3408


20.6345, 0.5769,
0.3651


64.7670, 0.3259,
0.3341

18.5770, 0.6038,
0.3567

74.3495, 0.3096,
0.3278

 18.2292, 0.6086,
0.3550

 84.9468, 0.2961,
0.3220

 94.1146, 0.2923,
0.3289

Harmonies

Analogous

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



35.9560, 0.4045, 0.3166



35.9560, 0.4282, 0.3615



35.9560, 0.4171, 0.4037

Triad

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



35.9560, 0.4282, 0.3615



35.9560, 0.2677, 0.3907



35.9560, 0.2451, 0.2379

Complementary

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



35.9560, 0.4282, 0.3615



47.4619, 0.2428, 0.2923

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.



35.9560, 0.2158, 0.2474



35.9560, 0.4282, 0.3615



35.9560, 0.2273, 0.3321

Square

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



35.9560, 0.4282, 0.3615



35.9560, 0.3225, 0.4293



35.9560, 0.2095, 0.2795



35.9560, 0.2942, 0.2488

Rectangle

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



35.9560, 0.4282, 0.3615



35.9560, 0.3931, 0.4248



35.9560, 0.2095, 0.2795



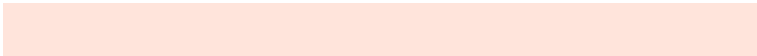
35.9560, 0.2329, 0.2386

Sweetspot

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



35.9578, 0.4282, 0.3615



82.0915, 0.3374, 0.3382



31.5560, 0.3457, 0.2385



17.0315, 0.3418, 0.3396



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.



35.9578, 0.4282, 0.3615



42.4997, 0.4663, 0.3671



55.4252, 0.3967, 0.4202



13.5876, 0.3285, 0.3350



10.7423, 0.6059, 0.3571



0.8339, 0.5736, 0.3827

Inverse Universe

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



47.4619, 0.2428, 0.2923



60.1557, 0.2304, 0.2827



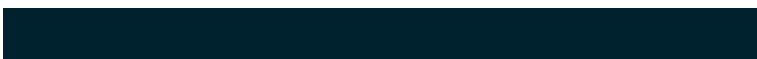
28.0671, 0.2285, 0.2158



14.2390, 0.2982, 0.3229



18.7998, 0.2013, 0.2447



1.3528, 0.2056, 0.2601

Previews

White Background



This preview shows how the Yxy color 35.9560, 0.4282, 0.3615 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 35.9560, 0.4282, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

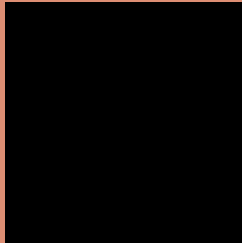
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9560, 0.4282, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 35.9560, 0.4282, 0.3615.



This preview shows how white text looks on a background with the Yxy color 35.9560, 0.4282, 0.3615.

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

35.9560, 0.4282, 0.3615

Protanopia

36.1801, 0.3586, 0.3839

Deuteranopia

35.9500, 0.3943, 0.3869



Tritanopia

35.8767, 0.3968, 0.3162

Trichromacy



Original Color

35.9560, 0.4282, 0.3615

Protanomaly

35.7703, 0.3822, 0.3755

Deuteranomaly

35.7015, 0.4067, 0.3770

Tritanomaly

35.9308, 0.4086, 0.3329

Monochromacy



Original Color

35.9560, 0.4282, 0.3615

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7084, 0.3508, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9560, 0.4282, 0.3615 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(221, 142, 115)` looks like.

```
.text, #text, p{  
    color:rgb(221, 142, 115)  
}
```

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(221, 142, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 142, 115) }
```

Border

The CSS property to change the border of an element to Yxy 35.9560, 0.4282, 0.3615 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(221, 142, 115) }
```

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

```
.border{ border-color:rgb(221, 142, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 142, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 142, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 142, 115);  
box-shadow:4px 4px 4px 4px rgb(221, 142,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9560, 0.4282, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 142, 115) }
```

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

```
.background{ background-color: rgb(221,  
142, 115) }
```

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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