

Converting Colors

$Y_{xy}(35.1965, 0.4387, 0.3898)$

Have a look what the booklet for
Yxy(35.1965, 0.4387, 0.3898)
contains.

Yxy(35.2232, 0.4384, 0.3897)	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(35.2232, 0.4384, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	D5915F
RGB	213, 145, 95
RGB Percent	84%, 57%, 37%
CMY	0.1648, 0.4313, 0.6274
CMYK	0.00, 0.32, 0.55, 0.16
HSL	25°, 58%, 60%
HSV	25°, 55%, 84%
XYZ	39.6250, 35.2232, 15.5373
YIQ	159.6320, 56.5780, -1.1340

Conversions

Conversions Part 2

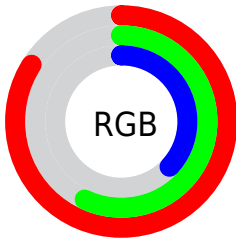
Format	Color
R _Y B	213, 182, 95
Decimal	13996383
CIE Lab	65.92, 20.41, 36.73
CIE LCh	66, 42.021, 60.945
Yxy	35.2232, 0.4384, 0.3897
Android (android.graphics.Color)	4292186463 (0xFFD5915F)
YUV	159.6320, -31.8636, 46.8037
Hunter-Lab	59.3491, 15.3161, 26.0226

Details

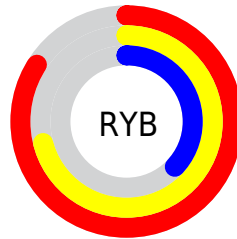
The Yxy color **35.2232, 0.4384, 0.3897** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **33.4127, 0.2275, 0.2550**, and the grayscale version is **35.1064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1822, 0.4001, 0.3841**, and **15.1792, 0.4760, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **31.3397, 0.4692, 0.3973**, and if you desaturate by 10%, it is **39.6209, 0.4093, 0.3797**.

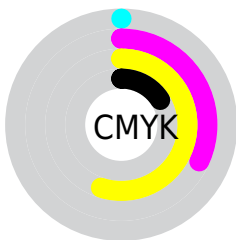
Distribution



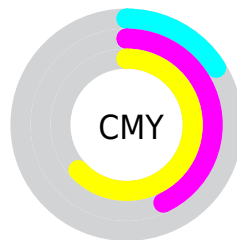
- Red (84%)
- Green (57%)
- Blue (37%)



- Red (84%)
- Yellow (71%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2232, 0.4384, 0.3897 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 35.2232, 0.4384, 0.3897 by changing the saturation by 10% instead.


 35.2232, 0.4384,
0.3897


 35.2232, 0.4384,
0.3897

325.5524, 0.3732,
0.3619


 23.8349, 0.4548,
0.3952


 67.8314, 0.4145,
0.3805


 15.2112, 0.4756,
0.4011


 89.8200, 0.4055,
0.3768

 8.9677, 0.5024,
0.4068


 116.1109, 0.3980,
0.3735

 4.7201, 0.5396,
0.4118

 147.0884, 0.3915,
0.3706

 2.0840, 0.5900,
0.4100

183.1369, 0.3860,
0.3680

 0.6556, 0.6376,
0.3624

224.6408, 0.3812,

 0.0000, 1.0000,

0.3657

0.0000

271.9845, 0.3769,
0.3637

0.0000, 0.0000,
0.0000

35.2232, 0.4384,
0.3897

35.2232, 0.4384,
0.3897

31.3397, 0.4692,
0.3973

39.6209, 0.4093,
0.3797

27.9435, 0.5003,
0.4013

44.5476, 0.3829,
0.3685

25.0126, 0.5293,
0.4004

50.0240, 0.3594,
0.3569

22.5202, 0.5541,
0.3941

56.0677, 0.3389,
0.3455

21.5043, 0.5644,
0.3901

62.6956, 0.3212,
0.3346

■ 69.9240, 0.3060,
0.3244

■ 77.7682, 0.2929,
0.3149

■ 85.5565, 0.2872,
0.3167

■ 92.8815, 0.2877,
0.3289

Harmonies

Analogous

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



35.2232, 0.4336, 0.3408



35.2232, 0.4384, 0.3897



35.2232, 0.4069, 0.4306

Triad

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



35.2232, 0.4384, 0.3897



35.2232, 0.2359, 0.3630



35.2232, 0.2648, 0.2332

Complementary

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



35.2232, 0.4384, 0.3897



33.4127, 0.2275, 0.2550

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.



35.2232, 0.2206, 0.2307



35.2232, 0.4384, 0.3897



35.2232, 0.2050, 0.2979

Square

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



35.2232, 0.4384, 0.3897



35.2232, 0.2890, 0.4228



35.2232, 0.2001, 0.2517



35.2232, 0.3270, 0.2557

Rectangle

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



35.2232, 0.4384, 0.3897



35.2232, 0.3717, 0.4456



35.2232, 0.2001, 0.2517



35.2232, 0.2476, 0.2299

Sweetspot

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



35.2250, 0.4384, 0.3897



82.6064, 0.3424, 0.3475



25.0002, 0.3781, 0.2474



17.2782, 0.3464, 0.3498



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.



35.2250, 0.4384, 0.3897



46.4172, 0.4733, 0.3981



57.7449, 0.3978, 0.4514



13.2777, 0.3281, 0.3389



13.3330, 0.5619, 0.3921



0.9662, 0.5314, 0.4163

Inverse Universe

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



33.4127, 0.2275, 0.2550



43.3637, 0.2129, 0.2366



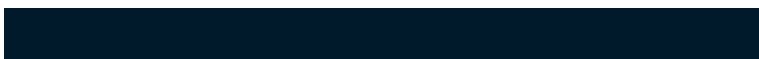
17.3050, 0.2089, 0.1661



13.1846, 0.2982, 0.3189



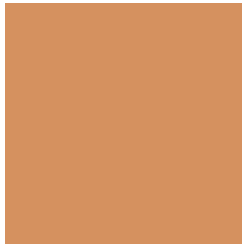
11.7467, 0.1847, 0.1847



0.8710, 0.1923, 0.2121

Previews

White Background



This preview shows how the Yxy color 35.2232, 0.4384, 0.3897 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 35.2232, 0.4384, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

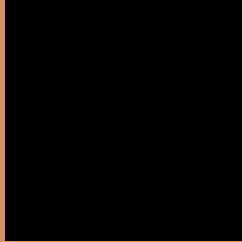
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2232, 0.4384, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 35.2232, 0.4384, 0.3897.



This preview shows how white text looks on a background with the Yxy color 35.2232, 0.4384, 0.3897.

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

35.2232, 0.4384, 0.3897

Protanopia

35.5433, 0.3821, 0.4144

Deuteranopia

35.1749, 0.4157, 0.4076



Tritanopia

35.0986, 0.3880, 0.3157

Trichromacy



Original Color

35.2232, 0.4384, 0.3897

Protanomaly

35.1624, 0.4024, 0.4048

Deuteranomaly

35.1774, 0.4243, 0.4003

Tritanomaly

35.2337, 0.4082, 0.3441

Monochromacy



Original Color

35.2232, 0.4384, 0.3897

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8040, 0.3556, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2232, 0.4384, 0.3897 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(213, 145, 95)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 95)  
}
```

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(213, 145, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 95) }
```

Border

The CSS property to change the border of an element to Yxy 35.2232, 0.4384, 0.3897 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(213, 145, 95) }
```

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

```
.border{ border-color:rgb(213, 145, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 145, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 95);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2232, 0.4384, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 95) }
```

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

```
.background{ background-color: rgb(213,  
145, 95) }
```

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