

Converting Colors

$Yxy(36.0858, 0.4284, 0.3986)$

Have a look what the booklet for
Yxy(36.0858, 0.4284, 0.3986)
contains.

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Color

Yxy(36.2248, 0.4277, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	CF975F
RGB	207, 151, 95
RGB Percent	81%, 59%, 37%
CMY	0.1883, 0.4078, 0.6274
CMYK	0.00, 0.27, 0.54, 0.19
HSL	30°, 54%, 59%
HSV	30°, 54%, 81%
XYZ	38.8597, 36.2248, 15.7728
YIQ	161.3600, 51.3520, -5.5440

Conversions

Conversions Part 2

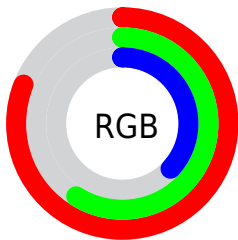
Format	Color
R_{YB}	207, 207, 95
Decimal	13604703
CIE Lab	66.69, 14.67, 37.53
CIE LCh	67, 40.299, 68.650
Yxy	36.2248, 0.4277, 0.3987
Android (android.graphics.Color)	4291794783 (0xFFCF975F)
YUV	161.3600, -32.7155, 40.0263
Hunter-Lab	60.1870, 9.9209, 26.5932

Details

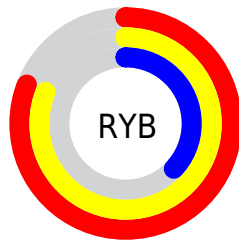
The Yxy color **36.2248, 0.4277, 0.3987** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **29.0615, 0.2267, 0.2436**, and the grayscale version is **35.9552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0292, 0.3966, 0.3890**, and **15.8036, 0.4612, 0.4130** is the 20% darker color. If you saturate the color by 10%, you get **32.7134, 0.4551, 0.4085**, and if you desaturate by 10%, it is **40.1320, 0.4015, 0.3867**.

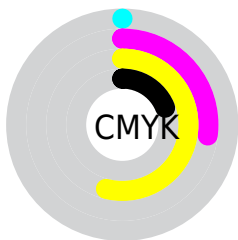
Distribution



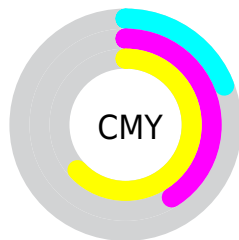
- Red (81%)
- Green (59%)
- Blue (37%)



- Red (81%)
- Yellow (81%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (54%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2248, 0.4277, 0.3987 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 36.2248, 0.4277, 0.3987 by changing the saturation by 10% instead.


 36.2248, 0.4277,
0.3987

 36.2248, 0.4277,
0.3987


329.9420, 0.3685,
0.3657

 24.6079, 0.4424,
0.4057


 69.3789, 0.4061,
0.3875


 15.7851, 0.4609,
0.4138


 91.6848, 0.3980,
0.3830

 9.3722, 0.4845,
0.4225


 118.3226, 0.3912,
0.3791

 4.9848, 0.5167,
0.4319

 149.6765, 0.3853,
0.3757

 2.2383, 0.5613,
0.4387

186.1310, 0.3802,
0.3727

 0.7408, 0.5936,
0.4064

228.0705, 0.3758,

 0.0000, 1.0000,

0.3701

0.0000

275.8794, 0.3720,
0.3678

0.0000, 0.0000,
0.0000

36.2248, 0.4277,
0.3987

36.2248, 0.4277,
0.3987

32.7134, 0.4551,
0.4085

40.1320, 0.4015,
0.3867

29.5768, 0.4824,
0.4147

44.4440, 0.3773,
0.3735

26.7997, 0.5080,
0.4162

49.1761, 0.3554,
0.3600

24.3626, 0.5301,
0.4122

54.3411, 0.3361,
0.3467

23.0678, 0.5418,
0.4080

59.9510, 0.3190,
0.3340

■ 66.0175, 0.3042,
0.3221

■ 72.5516, 0.2913,
0.3110

■ 79.1986, 0.2831,
0.3065

■ 85.2544, 0.2837,
0.3176

Harmonies

Analogous

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



36.2248, 0.4324, 0.3530



36.2248, 0.4277, 0.3987



36.2248, 0.3908, 0.4329

Triad

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



36.2248, 0.4277, 0.3987



36.2248, 0.2297, 0.3449



36.2248, 0.2812, 0.2411

Complementary

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



36.2248, 0.4277, 0.3987



29.0615, 0.2267, 0.2436

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.



36.2248, 0.2336, 0.2336



36.2248, 0.4277, 0.3987



36.2248, 0.2062, 0.2862

Square

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



36.2248, 0.4277, 0.3987



36.2248, 0.2759, 0.4054



36.2248, 0.2078, 0.2480



36.2248, 0.3428, 0.2671

Rectangle

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



36.2248, 0.4277, 0.3987



36.2248, 0.3547, 0.4411



36.2248, 0.2078, 0.2480



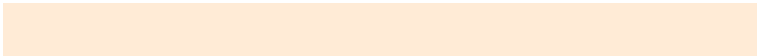
36.2248, 0.2632, 0.2364

Sweetspot

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



36.2266, 0.4277, 0.3987



85.3177, 0.3399, 0.3494



23.6826, 0.3888, 0.2601



17.8864, 0.3439, 0.3522



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.



36.2266, 0.4277, 0.3987



51.5505, 0.4598, 0.4098



58.7022, 0.3904, 0.4575



12.7712, 0.3278, 0.3406



14.7269, 0.5396, 0.4097



0.9821, 0.5118, 0.4318

Inverse Universe

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



29.0615, 0.2267, 0.2436



38.8965, 0.2100, 0.2210



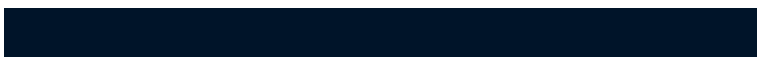
15.1239, 0.2089, 0.1574



12.3799, 0.2982, 0.3171



9.1972, 0.1775, 0.1588



0.6730, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 36.2248, 0.4277, 0.3987 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 36.2248, 0.4277, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

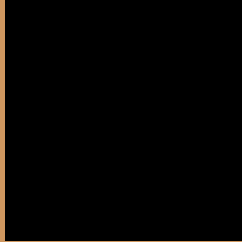
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2248, 0.4277, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 36.2248, 0.4277, 0.3987.



This preview shows how white text looks on a background with the Yxy color 36.2248, 0.4277, 0.3987.

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

36.2248, 0.4277, 0.3987

Protanopia

36.5602, 0.3859, 0.4185

Deuteranopia

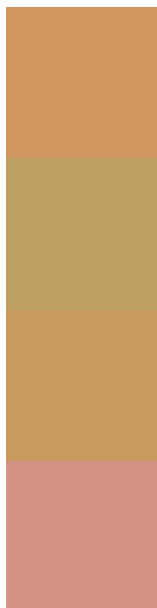
36.2566, 0.4164, 0.4077



Tritanopia

36.3101, 0.3739, 0.3155

Trichromacy



Original Color

36.2248, 0.4277, 0.3987

Protanomaly

36.4969, 0.4007, 0.4110

Deuteranomaly

36.3369, 0.4203, 0.4055

Tritanomaly

36.2625, 0.3946, 0.3469

Monochromacy



Original Color

36.2248, 0.4277, 0.3987

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.3851, 0.3529, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2248, 0.4277, 0.3987 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, 151, 95)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 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(207, 151, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 95) }
```

Border

The CSS property to change the border of an element to Yxy 36.2248, 0.4277, 0.3987 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, 151, 95) }
```

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

```
.border{ border-color:rgb(207, 151, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 95);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2248, 0.4277, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 95) }
```

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

```
.background{ background-color: rgb(207,  
151, 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](#).

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