

Converting Colors

$Yxy(36.5892, 0.4290, 0.3836)$

Have a look what the booklet for
Yxy(36.5892, 0.4290, 0.3836)
contains.

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Color

Yxy(36.4754, 0.4284, 0.3828)

Conversions

Conversions Part 1

Format	Color
Hex	D69468
RGB	214, 148, 104
RGB Percent	84%, 58%, 41%
CMY	0.1608, 0.4196, 0.5921
CMYK	0.00, 0.31, 0.51, 0.16
HSL	24°, 57%, 62%
HSV	24°, 51%, 84%
XYZ	40.8204, 36.4754, 17.9900
YIQ	162.7180, 53.4600, 0.3080

Conversions

Conversions Part 2

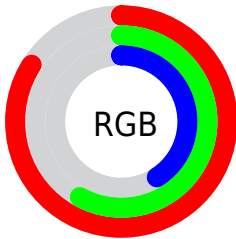
Format	Color
RYB	214, 177, 104
Decimal	14062696
CIELab	66.88, 19.99, 33.15
CIElCh	67, 38.714, 58.911
Yxy	36.4754, 0.4284, 0.3828
Android (android.graphics.Color)	4292252776 (0xFFD69468)
YUV	162.7180, -28.9480, 44.9743
Hunter-Lab	60.3949, 14.9558, 24.6156

Details

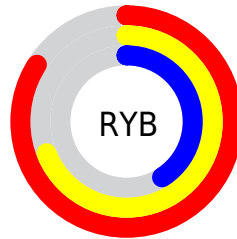
The Yxy color **36.4754, 0.4284, 0.3828** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.5523, 0.2339, 0.2654**, and the grayscale version is **36.6077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9014, 0.3910, 0.3769**, and **15.9028, 0.4625, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **32.2884, 0.4597, 0.3909**, and if you desaturate by 10%, it is **41.2232, 0.3995, 0.3728**.

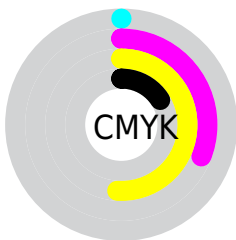
Distribution



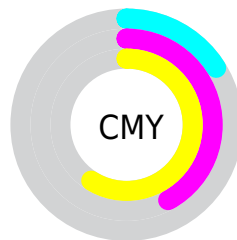
- Red (84%)
- Green (58%)
- Blue (41%)



- Red (84%)
- Yellow (69%)
- Blue (41%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4754, 0.4284, 0.3828 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 36.4754, 0.4284, 0.3828 by changing the saturation by 10% instead.


 36.4754, 0.4284,
0.3828


 36.4754, 0.4284,
0.3828


331.0337, 0.3684,
0.3580


 24.8016, 0.4436,
0.3879


 69.7652, 0.4063,
0.3745


 15.9293, 0.4631,
0.3936


 92.1500, 0.3981,
0.3712

 9.4741, 0.4885,
0.3994


 118.8739, 0.3911,
0.3682

 5.0517, 0.5224,
0.4039

 150.3212, 0.3852,
0.3657

 2.2776, 0.5854,
0.4146

186.8765, 0.3801,
0.3634

 0.7618, 0.6249,
0.3751

228.9241, 0.3757,

 0.0000, 1.0000,

0.3614

0.0000

276.8483, 0.3718,
0.3596

0.0000, 0.0000,
0.0000

36.4754, 0.4284,
0.3828

36.4754, 0.4284,
0.3828

32.2884, 0.4597,
0.3909

41.2232, 0.3995,
0.3728

28.6339, 0.4920,
0.3960

46.5479, 0.3737,
0.3620

25.4885, 0.5234,
0.3967

52.4716, 0.3512,
0.3510

22.8244, 0.5512,
0.3921

59.0134, 0.3316,
0.3404

20.8863, 0.5713,
0.3846

66.1914, 0.3149,
0.3303

■ 74.0231, 0.3005,
0.3210

■ 82.5251, 0.2882,
0.3124

■ 90.3424, 0.2881,
0.3246

■ 93.0358, 0.2883,
0.3289

Harmonies

Analogous

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



36.4754, 0.4211, 0.3376



36.4754, 0.4284, 0.3828



36.4754, 0.4021, 0.4204

Triad

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



36.4754, 0.4284, 0.3828



36.4754, 0.2454, 0.3642



36.4754, 0.2657, 0.2398

Complementary

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



36.4754, 0.4284, 0.3828



36.5523, 0.2339, 0.2654

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.



36.4754, 0.2260, 0.2393



36.4754, 0.4284, 0.3828



36.4754, 0.2149, 0.3049

Square

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



36.4754, 0.4284, 0.3828



36.4754, 0.2954, 0.4162



36.4754, 0.2085, 0.2607



36.4754, 0.3219, 0.2595

Rectangle

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



36.4754, 0.4284, 0.3828



36.4754, 0.3709, 0.4345



36.4754, 0.2085, 0.2607



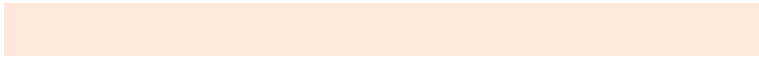
36.4754, 0.2502, 0.2374

Sweetspot

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



36.4772, 0.4284, 0.3828



83.9973, 0.3386, 0.3443



27.1724, 0.3668, 0.2485



17.5348, 0.3428, 0.3466



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.



36.4772, 0.4284, 0.3828



47.3093, 0.4636, 0.3918



57.1469, 0.3943, 0.4405



13.2278, 0.3281, 0.3384



12.8158, 0.5687, 0.3867



0.9327, 0.5371, 0.4117

Inverse Universe

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



36.5523, 0.2339, 0.2654



47.3526, 0.2191, 0.2484



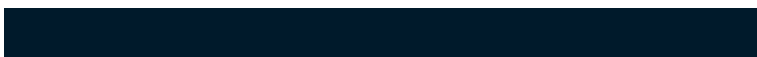
20.4864, 0.2180, 0.1846



13.2357, 0.2982, 0.3194



12.5392, 0.1870, 0.1932



0.9163, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 36.4754, 0.4284, 0.3828 looks on a white background.

Color Contrast Check

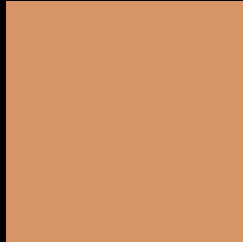
Large Text (above 18pt) WCAG AA × Fail

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 36.4754, 0.4284, 0.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

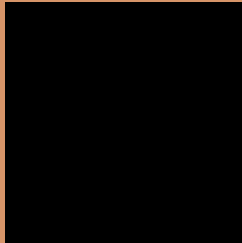
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4754, 0.4284, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 36.4754, 0.4284, 0.3828.



This preview shows how white text looks on a background with the Yxy color 36.4754, 0.4284, 0.3828.

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

36.4754, 0.4284, 0.3828

Protanopia

36.6673, 0.3751, 0.4041

Deuteranopia

36.6066, 0.4074, 0.3997



Tritanopia

36.5184, 0.3842, 0.3170

Trichromacy



Original Color

36.4754, 0.4284, 0.3828

Protanomaly

36.4836, 0.3932, 0.3967

Deuteranomaly

36.4582, 0.4147, 0.3930

Tritanomaly

36.4475, 0.4011, 0.3403

Monochromacy



Original Color

36.4754, 0.4284, 0.3828

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3518, 0.3519, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4754, 0.4284, 0.3828 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, 148, 104)` looks like.

```
.text, #text, p{  
    color:rgb(214, 148, 104)  
}
```

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, 148, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 148, 104) }
```

Border

The CSS property to change the border of an element to Yxy 36.4754, 0.4284, 0.3828 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, 148, 104) }
```

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

```
.border{ border-color:rgb(214, 148, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 148, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 148, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 148, 104);  
box-shadow:4px 4px 4px 4px rgb(214, 148,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4754, 0.4284, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 148, 104) }
```

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

```
.background{ background-color: rgb(214,  
148, 104) }
```

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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