

Converting Colors

Yxy(36.5801, 0.4166, 0.3939)

Have a look what the booklet for
Yxy(36.5801, 0.4166, 0.3939)
contains.

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Color

Yxy(36.5791, 0.4167, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	CC9966
RGB	204, 153, 102
RGB Percent	80%, 60%, 40%
CMY	0.1999, 0.4000, 0.6000
CMYK	0.00, 0.25, 0.50, 0.20
HSL	30°, 50%, 60%
HSV	30°, 50%, 80%
XYZ	38.6964, 36.5791, 17.5884
YIQ	162.4350, 46.7670, -5.0490

Conversions

Conversions Part 2

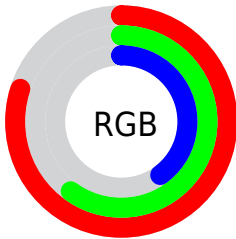
Format	Color
R_{YB}	204, 204, 102
Decimal	13408614
CIE _{Lab}	66.96, 12.99, 34.11
CIE _{LCh}	67, 36.502, 69.149
Yxy	36.5791, 0.4167, 0.3939
Android (android.graphics.Color)	4291598694 (0xFFCC9966)
YUV	162.4350, -29.7945, 36.4525
Hunter-Lab	60.4807, 8.3657, 25.0943

Details

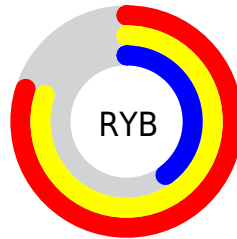
The Yxy color **36.5791, 0.4167, 0.3939** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.9752, 0.2330, 0.2514**, and the grayscale version is **36.4733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2187, 0.3905, 0.3839**, and **15.9721, 0.4466, 0.4088** is the 20% darker color. If you saturate the color by 10%, you get **33.0260, 0.4437, 0.4047**, and if you desaturate by 10%, it is **40.5210, 0.3913, 0.3813**.

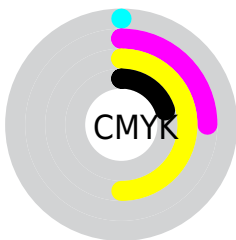
Distribution



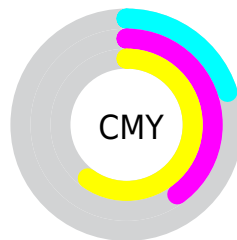
- Red (80%)
- Green (60%)
- Blue (40%)



- Red (80%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5791, 0.4167, 0.3939 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 36.5791, 0.4167, 0.3939 by changing the saturation by 10% instead.


 36.5791, 0.4167,
0.3939


 36.5791, 0.4167,
0.3939


331.4847, 0.3630,
0.3627


 24.8818, 0.4302,
0.4008


 69.9250, 0.3970,
0.3831

 15.9890, 0.4473,
0.4090


 92.3423, 0.3897,
0.3788

 9.5164, 0.4696,
0.4184


 119.1017, 0.3835,
0.3752

 5.0795, 0.4988,
0.4282

 150.5877, 0.3782,
0.3720

 2.2940, 0.5527,
0.4473

187.1846, 0.3736,
0.3692

 0.7705, 0.5807,
0.4193

229.2768, 0.3696,

 0.0000, 0.0000,

0.3668

0.0000

277.2487, 0.3661,
0.3646

■ 36.5791, 0.4167,
0.3939

■ 36.5791, 0.4167,
0.3939

■ 33.0260, 0.4437,
0.4047

■ 40.5210, 0.3913,
0.3813

■ 29.8420, 0.4713,
0.4126

■ 44.8600, 0.3680,
0.3679

■ 27.0127, 0.4978,
0.4161

■ 49.6105, 0.3472,
0.3544

■ 24.5206, 0.5215,
0.4145

■ 54.7847, 0.3288,
0.3414

■ 22.3409, 0.5417,
0.4081

■ 60.3940, 0.3127,
0.3290

■ 66.4494, 0.2987,
0.3175

■ 72.9615, 0.2865,
0.3068

■ 79.2650, 0.2813,
0.3073

■ 85.2645, 0.2820,
0.3183

Harmonies

Analogous

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



36.5791, 0.4210, 0.3524



36.5791, 0.4167, 0.3939



36.5791, 0.3833, 0.4236

Triad

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



36.5791, 0.4167, 0.3939



36.5791, 0.2368, 0.3427



36.5791, 0.2853, 0.2489

Complementary

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



36.5791, 0.4167, 0.3939



29.9752, 0.2330, 0.2514

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.



36.5791, 0.2413, 0.2419



36.5791, 0.4167, 0.3939



36.5791, 0.2153, 0.2901

Square

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



36.5791, 0.4167, 0.3939



36.5791, 0.2790, 0.3965



36.5791, 0.2170, 0.2552



36.5791, 0.3411, 0.2730

Rectangle

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



36.5791, 0.4167, 0.3939



36.5791, 0.3506, 0.4298



36.5791, 0.2170, 0.2552



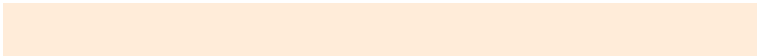
36.5791, 0.2688, 0.2445

Sweetspot

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



36.5809, 0.4167, 0.3939



86.1726, 0.3381, 0.3481



24.6988, 0.3781, 0.2627



18.0570, 0.3420, 0.3509



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.



36.5809, 0.4167, 0.3939



54.2508, 0.4458, 0.4055



56.1946, 0.3863, 0.4476



12.1246, 0.3278, 0.3406



14.2438, 0.5396, 0.4098



0.8866, 0.5099, 0.4333

Inverse Universe

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



29.9752, 0.2330, 0.2514



42.0935, 0.2170, 0.2309



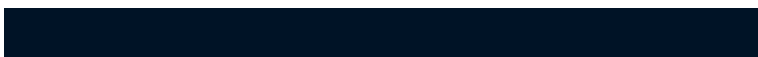
17.0237, 0.2182, 0.1744



11.7555, 0.2983, 0.3171



8.9150, 0.1776, 0.1592



0.6117, 0.1874, 0.1947

Previews

White Background



This preview shows how the Yxy color 36.5791, 0.4167, 0.3939 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 36.5791, 0.4167, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

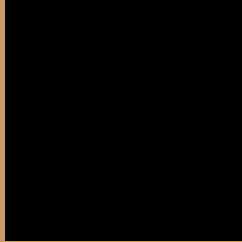
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5791, 0.4167, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 36.5791, 0.4167, 0.3939.



This preview shows how white text looks on a background with the Yxy color 36.5791, 0.4167, 0.3939.

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

36.5791, 0.4167, 0.3939

Protanopia

36.5821, 0.3787, 0.4095

Deuteranopia

36.5868, 0.4083, 0.4009



Tritanopia

36.5474, 0.3680, 0.3153

Trichromacy



Original Color

36.5791, 0.4167, 0.3939

Protanomaly

36.3810, 0.3923, 0.4027

Deuteranomaly

36.6616, 0.4121, 0.3987

Tritanomaly

36.5664, 0.3863, 0.3446

Monochromacy



Original Color

36.5791, 0.4167, 0.3939

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0368, 0.3484, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5791, 0.4167, 0.3939 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(204, 153, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 102)  
}
```

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(204, 153, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 102) }
```

Border

The CSS property to change the border of an element to Yxy 36.5791, 0.4167, 0.3939 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(204, 153, 102) }
```

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

```
.border{ border-color:rgb(204, 153, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5791, 0.4167, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 102) }
```

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

```
.background{ background-color: rgb(204,  
153, 102) }
```

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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