

Converting Colors

$Yxy(39.4482, 0.4012, 0.3659)$

Have a look what the booklet for
Yxy(39.4482, 0.4012, 0.3659)
contains.

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Color

Yxy(39.5794, 0.4015, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	D69C7E
RGB	214, 156, 126
RGB Percent	84%, 61%, 49%
CMY	0.1608, 0.3882, 0.5059
CMYK	0.00, 0.27, 0.41, 0.16
HSL	20°, 52%, 67%
HSV	20°, 41%, 84%
XYZ	43.3828, 39.5794, 25.0896
YIQ	169.9220, 44.1980, 2.9660

Conversions

Conversions Part 2

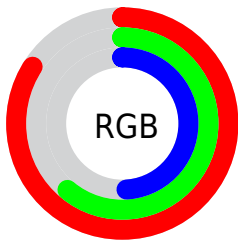
Format	Color
R_{YB}	214, 172, 126
Decimal	14064766
CIE _{Lab}	69.17, 17.87, 24.23
CIE _{LCh}	69, 30.103, 53.596
Yxy	39.5794, 0.4015, 0.3663
Android (android.graphics.Color)	4292254846 (0xFFD69C7E)
YUV	169.9220, -21.6535, 38.6564
Hunter-Lab	62.9122, 12.9933, 20.3934

Details

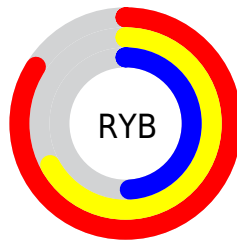
The Yxy color **39.5794, 0.4015, 0.3663** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.5585, 0.2501, 0.2876**, and the grayscale version is **40.2515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1032, 0.3702, 0.3622**, and **17.8071, 0.4274, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **34.6259, 0.4321, 0.3748**, and if you desaturate by 10%, it is **45.2042, 0.3745, 0.3570**.

Distribution



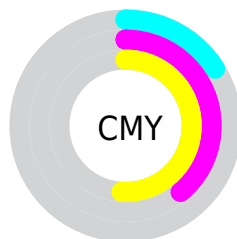
- Red (84%)
- Green (61%)
- Blue (49%)



- Red (84%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5794, 0.4015, 0.3663 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 39.5794, 0.4015, 0.3663 by changing the saturation by 10% instead.


 39.5794, 0.4015,
0.3663


 39.5794, 0.4015,
0.3663

344.3476, 0.3556,
0.3488

 27.2108, 0.4133,
0.3701


 74.5226, 0.3846,
0.3603

 17.7316, 0.4285,
0.3747


 97.8660, 0.3783,
0.3579

 10.7574, 0.4488,
0.3800


 125.6364, 0.3730,
0.3559

 5.9040, 0.4770,
0.3857

158.2182, 0.3685,
0.3541

 2.7868, 0.5209,
0.3923

195.9958, 0.3646,
0.3525

 1.0215, 0.6003,
0.3997

239.3537, 0.3612,

 0.0000, 1.0000,

0.3512

0.0000

288.6761, 0.3583,
0.3499

0.0000, 0.0000,
0.0000

39.5794, 0.4015,
0.3663

39.5794, 0.4015,
0.3663

34.6259, 0.4321,
0.3748

45.2042, 0.3745,
0.3570

30.3116, 0.4657,
0.3816

51.5192, 0.3512,
0.3476

26.6102, 0.5009,
0.3855

58.5498, 0.3313,
0.3385

23.4909, 0.5352,
0.3852

66.3181, 0.3144,
0.3299

20.9199, 0.5654,
0.3799

74.8455, 0.3001,
0.3220

■ 19.0589, 0.5874,
0.3718

■ 84.1523, 0.2880,
0.3147

■ 92.8461, 0.2883,
0.3286

■ 93.0342, 0.2883,
0.3289

Harmonies

Analogous

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



39.5794, 0.3907, 0.3308



39.5794, 0.4015, 0.3663



39.5794, 0.3866, 0.3958

Triad

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



39.5794, 0.4015, 0.3663



39.5794, 0.2676, 0.3633



39.5794, 0.2704, 0.2583

Complementary

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



39.5794, 0.4015, 0.3663



43.5585, 0.2501, 0.2876

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.



39.5794, 0.2418, 0.2615



39.5794, 0.4015, 0.3663



39.5794, 0.2401, 0.3193

Square

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



39.5794, 0.4015, 0.3663



39.5794, 0.3083, 0.3981



39.5794, 0.2312, 0.2825



39.5794, 0.3122, 0.2712

Rectangle

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



39.5794, 0.4015, 0.3663



39.5794, 0.3651, 0.4072



39.5794, 0.2312, 0.2825



39.5794, 0.2591, 0.2574

Sweetspot

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



39.5813, 0.4015, 0.3663



85.9878, 0.3332, 0.3394



32.7030, 0.3476, 0.2589



18.0994, 0.3357, 0.3406



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.



39.5813, 0.4015, 0.3663



52.6353, 0.4269, 0.3735



56.7956, 0.3802, 0.4153



13.1064, 0.3283, 0.3370



11.6957, 0.5847, 0.3739



0.8569, 0.5511, 0.4006

Inverse Universe

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



43.5585, 0.2501, 0.2876



59.2450, 0.2384, 0.2775



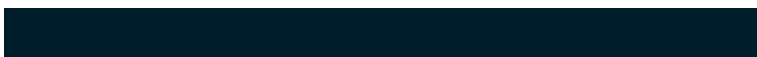
28.2394, 0.2399, 0.2243



13.3612, 0.2982, 0.3209



14.6487, 0.1928, 0.2141



1.0344, 0.1990, 0.2362

Previews

White Background



This preview shows how the Yxy color 39.5794, 0.4015, 0.3663 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 39.5794, 0.4015, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

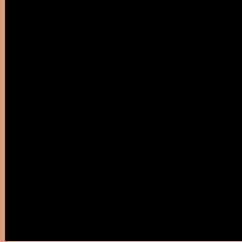
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5794, 0.4015, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 39.5794, 0.4015, 0.3663.



This preview shows how white text looks on a background with the Yxy color 39.5794, 0.4015, 0.3663.

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

39.5794, 0.4015, 0.3663

Protanopia

39.7452, 0.3559, 0.3805

Deuteranopia

39.6007, 0.3853, 0.3773



Tritanopia

39.4936, 0.3694, 0.3158

Trichromacy



Original Color

39.5794, 0.4015, 0.3663

Protanomaly

39.3691, 0.3716, 0.3747

Deuteranomaly

39.6014, 0.3914, 0.3739

Tritanomaly

39.5513, 0.3813, 0.3341

Monochromacy



Original Color

39.5794, 0.4015, 0.3663

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6825, 0.3427, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5794, 0.4015, 0.3663 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, 156, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 156, 126)  
}
```

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, 156, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 156, 126) }
```

Border

The CSS property to change the border of an element to Yxy 39.5794, 0.4015, 0.3663 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, 156, 126) }
```

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

```
.border{ border-color:rgb(214, 156, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 156, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 156, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 156, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 156,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5794, 0.4015, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 156, 126) }
```

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

```
.background{ background-color: rgb(214,  
156, 126) }
```

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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