

Converting Colors

$Y_{xy}(40.3692, 0.4122, 0.3629)$

Have a look what the booklet for
Yxy(40.3692, 0.4122, 0.3629)
contains.

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Color

Yxy(40.3055, 0.4116, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	DF9A7E
RGB	223, 154, 126
RGB Percent	87%, 60%, 49%
CMY	0.1255, 0.3961, 0.5060
CMYK	0.00, 0.31, 0.44, 0.13
HSL	17°, 60%, 68%
HSV	17°, 44%, 87%
XYZ	45.7522, 40.3055, 25.0992
YIQ	171.4390, 50.1120, 5.9200

Conversions

Conversions Part 2

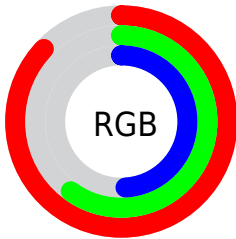
Format	Color
R _{YB}	223, 165, 126
Decimal	14654078
CIE _{Lab}	69.69, 22.52, 25.11
CIE _{LCh}	70, 33.725, 48.109
Y _{xy}	40.3055, 0.4116, 0.3626
Android (android.graphics.Color)	4292844158 (0xFFDF9A7E)
YUV	171.4390, -22.4014, 45.2190
Hunter-Lab	63.4866, 17.5360, 21.0005

Details

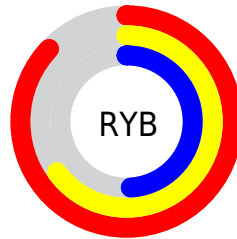
The Yxy color **40.3055, 0.4116, 0.3626** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.7802, 0.2477, 0.2917**, and the grayscale version is **41.0534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1156, 0.3708, 0.3602**, and **18.0379, 0.4409, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **34.9008, 0.4449, 0.3695**, and if you desaturate by 10%, it is **46.5340, 0.3824, 0.3548**.

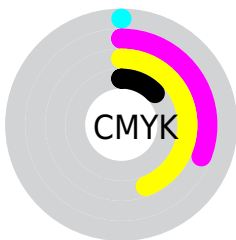
Distribution



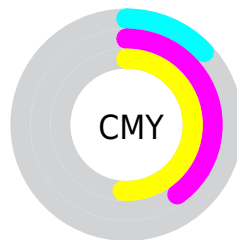
- Red (87%)
- Green (60%)
- Blue (49%)



- Red (87%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3055, 0.4116, 0.3626 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 40.3055, 0.4116, 0.3626 by changing the saturation by 10% instead.


 40.3055, 0.4116,
0.3626


 40.3055, 0.4116,
0.3626


347.4095, 0.3606,
0.3475


 27.7768, 0.4246,
0.3657


 75.6285, 0.3928,
0.3576

 18.1575, 0.4414,
0.3691


 99.1916, 0.3858,
0.3556

 11.0631, 0.4637,
0.3728


 127.2016, 0.3800,
0.3538

 6.1093, 0.4945,
0.3760

160.0430, 0.3750,
0.3522

 2.9117, 0.5416,
0.3782

198.1001, 0.3706,
0.3508

 1.0858, 0.6235,
0.3765

241.7572, 0.3669,

 0.0000, 1.0000,

0.3496

0.0000

291.3989, 0.3636,
0.3485

0.0000, 0.0000,
0.0000

40.3055, 0.4116,
0.3626

40.3055, 0.4116,
0.3626

34.9008, 0.4449,
0.3695

46.5340, 0.3824,
0.3548

30.2785, 0.4814,
0.3745

53.6136, 0.3573,
0.3468

26.4023, 0.5192,
0.3764

61.5778, 0.3361,
0.3389

23.2300, 0.5551,
0.3741

70.4561, 0.3183,
0.3315

20.7150, 0.5851,
0.3672

80.2769, 0.3033,
0.3246

■ 19.4027, 0.6009,
0.3611

■ 90.7556, 0.2933,
0.3230

■ 94.4283, 0.2935,
0.3289

Harmonies

Analogous

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



40.3055, 0.3944, 0.3233



40.3055, 0.4116, 0.3626



40.3055, 0.3996, 0.3976

Triad

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



40.3055, 0.4116, 0.3626



40.3055, 0.2698, 0.3759



40.3055, 0.2587, 0.2502

Complementary

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



40.3055, 0.4116, 0.3626



48.7802, 0.2477, 0.2917

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.



40.3055, 0.2307, 0.2570



40.3055, 0.4116, 0.3626



40.3055, 0.2365, 0.3267

Square

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



40.3055, 0.4116, 0.3626



40.3055, 0.3164, 0.4111



40.3055, 0.2229, 0.2832



40.3055, 0.3027, 0.2615

Rectangle

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



40.3055, 0.4116, 0.3626



40.3055, 0.3779, 0.4134



40.3055, 0.2229, 0.2832



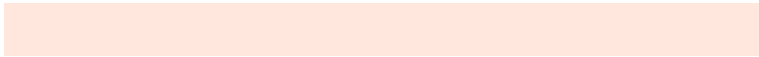
40.3055, 0.2473, 0.2504

Sweetspot

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



40.3075, 0.4116, 0.3626



83.9167, 0.3353, 0.3386



34.5678, 0.3452, 0.2497



17.4229, 0.3397, 0.3403



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.



40.3075, 0.4116, 0.3626



48.0620, 0.4410, 0.3688



59.4258, 0.3867, 0.4155



14.3423, 0.3285, 0.3358



11.5770, 0.5982, 0.3632



0.9534, 0.5678, 0.3874

Inverse Universe

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



48.7802, 0.2477, 0.2917



60.8551, 0.2362, 0.2825



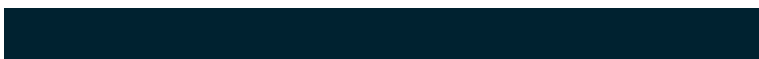
30.6293, 0.2362, 0.2236



14.8683, 0.2982, 0.3221



17.8306, 0.1979, 0.2325



1.3873, 0.2025, 0.2491

Previews

White Background



This preview shows how the Yxy color 40.3055, 0.4116, 0.3626 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 40.3055, 0.4116, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

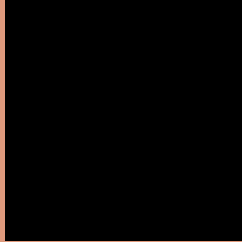
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3055, 0.4116, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 40.3055, 0.4116, 0.3626.



This preview shows how white text looks on a background with the Yxy color 40.3055, 0.4116, 0.3626.

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

40.3055, 0.4116, 0.3626

Protanopia

40.3880, 0.3566, 0.3800

Deuteranopia

40.2062, 0.3878, 0.3794



Tritanopia

40.2017, 0.3812, 0.3162

Trichromacy



Original Color

40.3055, 0.4116, 0.3626

Protanomaly

40.0329, 0.3766, 0.3738

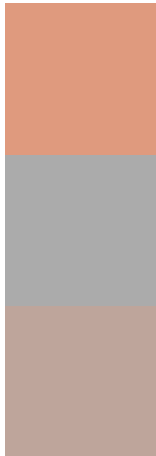
Deuteranomaly

40.3239, 0.3964, 0.3730

Tritanomaly

40.2789, 0.3922, 0.3328

Monochromacy



Original Color

40.3055, 0.4116, 0.3626

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2240, 0.3457, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3055, 0.4116, 0.3626 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(223, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(223, 154, 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(223, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 154, 126) }
```

Border

The CSS property to change the border of an element to Yxy 40.3055, 0.4116, 0.3626 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(223, 154, 126) }
```

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

```
.border{ border-color:rgb(223, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(223, 154,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3055, 0.4116, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 154, 126) }
```

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

```
.background{ background-color: rgb(223,  
154, 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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