

Converting Colors

$Y_{xy}(43.4643, 0.4056, 0.3654)$

Have a look what the booklet for
Yxy(43.4643, 0.4056, 0.3654)
contains.

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Color

Yxy(43.6481, 0.4053, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	E2A283
RGB	226, 162, 131
RGB Percent	89%, 64%, 51%
CMY	0.1136, 0.3647, 0.4862
CMYK	0.00, 0.28, 0.42, 0.11
HSL	20°, 62%, 70%
HSV	20°, 42%, 89%
XYZ	48.3878, 43.6481, 27.3517
YIQ	177.6020, 48.0950, 3.9270

Conversions

Conversions Part 2

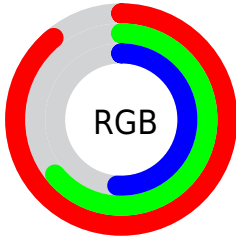
Format	Color
R _Y B	226, 177, 131
Decimal	14852739
CIE Lab	71.99, 19.96, 25.52
CIE LCh	72, 32.399, 51.963
Yxy	43.6481, 0.4053, 0.3656
Android (android.graphics.Color)	4293042819 (0xFFE2A283)
YUV	177.6020, -22.9748, 42.4450
Hunter-Lab	66.0667, 15.1181, 21.7006

Details

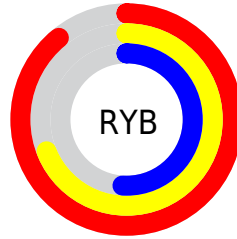
The Yxy color **43.6481, 0.4053, 0.3656** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.3698, 0.2489, 0.2883**, and the grayscale version is **44.4062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3464, 0.3647, 0.3630**, and **20.0708, 0.4321, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **38.0574, 0.4369, 0.3736**, and if you desaturate by 10%, it is **50.0269, 0.3775, 0.3567**.

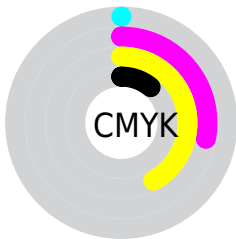
Distribution



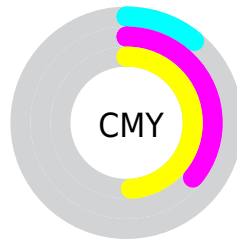
- Red (89%)
- Green (64%)
- Blue (51%)



- Red (89%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6481, 0.4053, 0.3656 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 43.6481, 0.4053, 0.3656 by changing the saturation by 10% instead.


 43.6481, 0.4053,
0.3656

 43.6481, 0.4053,
0.3656

361.2703, 0.3582,
0.3489


 30.3940, 0.4171,
0.3691


 80.6880, 0.3881,
0.3600

 20.1378, 0.4322,
0.3732


 105.2425, 0.3817,
0.3578

 12.4953, 0.4522,
0.3778

 134.3325, 0.3762,
0.3558

 7.0819, 0.4795,
0.3827

168.3426, 0.3716,
0.3541

 3.5134, 0.5184,
0.3863

207.6570, 0.3676,
0.3526

 1.4053, 0.6007,
0.3993

252.6602, 0.3641,

 0.2206, 0.7596,

0.3512

0.2404

303.7365, 0.3610,
0.3500

0.0000, 0.0000,
0.0000

43.6481, 0.4053,
0.3656

43.6481, 0.4053,
0.3656

38.0574, 0.4369,
0.3736

50.0269, 0.3775,
0.3567

33.2164, 0.4715,
0.3798

57.2172, 0.3535,
0.3477

29.0929, 0.5075,
0.3830

65.2497, 0.3332,
0.3389

25.6496, 0.5423,
0.3819

74.1510, 0.3159,
0.3306

22.8449, 0.5724,
0.3758

83.9469, 0.3013,
0.3229

■ 21.0302, 0.5919,
0.3682

■ 93.8900, 0.2952,
0.3273

■ 94.9129, 0.2952,
0.3289

Harmonies

Analogous

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



43.6481, 0.3926, 0.3286



43.6481, 0.4053, 0.3656



43.6481, 0.3910, 0.3970

Triad

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



43.6481, 0.4053, 0.3656



43.6481, 0.2677, 0.3672



43.6481, 0.2667, 0.2553

Complementary

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



43.6481, 0.4053, 0.3656



49.3698, 0.2489, 0.2883

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.



43.6481, 0.2380, 0.2596



43.6481, 0.4053, 0.3656



43.6481, 0.2383, 0.3212

Square

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



43.6481, 0.4053, 0.3656



43.6481, 0.3104, 0.4025



43.6481, 0.2280, 0.2822



43.6481, 0.3095, 0.2679

Rectangle

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



43.6481, 0.4053, 0.3656



43.6481, 0.3692, 0.4098



43.6481, 0.2280, 0.2822



43.6481, 0.2552, 0.2547

Sweetspot

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



43.6502, 0.4053, 0.3656



84.6107, 0.3351, 0.3398



36.3919, 0.3471, 0.2555



17.5928, 0.3395, 0.3417



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.



43.6502, 0.4053, 0.3656



51.2082, 0.4312, 0.3724



63.2202, 0.3827, 0.4159



14.4267, 0.3284, 0.3367



12.1872, 0.5890, 0.3705



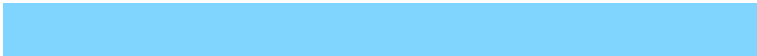
1.0040, 0.5589, 0.3944

Inverse Universe

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



49.3698, 0.2489, 0.2883



59.5745, 0.2375, 0.2787



31.6346, 0.2382, 0.2233



14.7796, 0.2982, 0.3212



16.2266, 0.1942, 0.2192



1.2857, 0.1995, 0.2381

Previews

White Background



This preview shows how the Yxy color 43.6481, 0.4053, 0.3656 looks on a white background.

Color Contrast Check

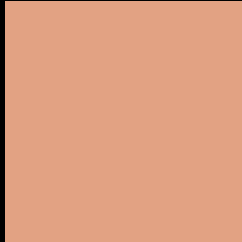
Large Text (above 18pt) WCAG AA × Fail

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 43.6481, 0.4053, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

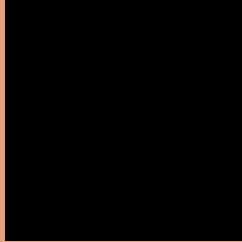
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6481, 0.4053, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 43.6481, 0.4053, 0.3656.



This preview shows how white text looks on a background with the Yxy color 43.6481, 0.4053, 0.3656.

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

43.6481, 0.4053, 0.3656

Protanopia

43.9706, 0.3557, 0.3811

Deuteranopia

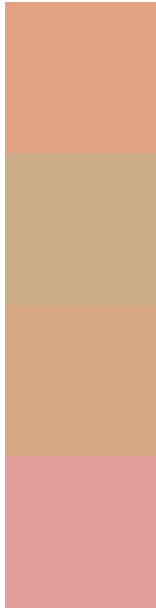
43.5429, 0.3863, 0.3779



Tritanopia

43.6365, 0.3723, 0.3153

Trichromacy



Original Color

43.6481, 0.4053, 0.3656

Protanomaly

43.8109, 0.3736, 0.3764

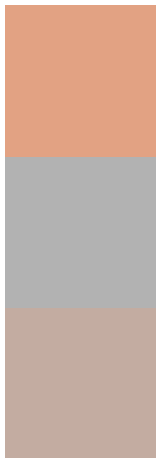
Deuteranomaly

43.3312, 0.3936, 0.3732

Tritanomaly

43.6568, 0.3848, 0.3339

Monochromacy



Original Color

43.6481, 0.4053, 0.3656

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6804, 0.3434, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6481, 0.4053, 0.3656 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(226, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 131)  
}
```

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(226, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 131) }
```

Border

The CSS property to change the border of an element to Yxy 43.6481, 0.4053, 0.3656 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(226, 162, 131) }
```

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

```
.border{ border-color:rgb(226, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 162, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 162, 131); box-shadow:4px 4px 4px 4px rgb(226, 162, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6481, 0.4053, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 131) }
```

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

```
.background{ background-color: rgb(226,  
162, 131) }
```

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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