

Converting Colors

$Y_{xy}(40.9460, 0.4080, 0.3575)$

Have a look what the booklet for
Yxy(40.9460, 0.4080, 0.3575)
contains.

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Color

Yxy(41.0889, 0.4079, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	E19B83
RGB	225, 155, 131
RGB Percent	88%, 61%, 51%
CMY	0.1177, 0.3921, 0.4861
CMYK	0.00, 0.31, 0.42, 0.12
HSL	15°, 61%, 70%
HSV	15°, 42%, 88%
XYZ	46.8685, 41.0889, 26.9445
YIQ	173.1940, 49.4240, 7.3760

Conversions

Conversions Part 2

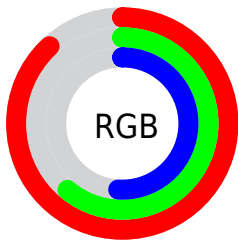
Format	Color
R _Y B	225, 163, 131
Decimal	14785411
CIE Lab	70.24, 23.30, 23.12
CIE LCh	70, 32.827, 44.778
Yxy	41.0889, 0.4079, 0.3576
Android (android.graphics.Color)	4292975491 (0xFFE19B83)
YUV	173.1940, -20.8016, 45.4339
Hunter-Lab	64.1006, 18.3378, 19.9481

Details

The Yxy color **41.0889, 0.4079, 0.3576** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.0425, 0.2508, 0.2976**, and the grayscale version is **41.9847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8139, 0.3667, 0.3560**, and **18.5101, 0.4370, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **35.3490, 0.4416, 0.3638**, and if you desaturate by 10%, it is **47.7394, 0.3786, 0.3506**.

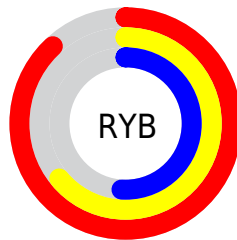
Distribution



Red (88%)

Green (61%)

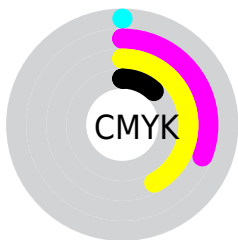
Blue (51%)



Red (88%)

Yellow (64%)

Blue (51%)

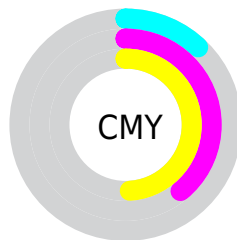


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (12%)



Cyan (12%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0889, 0.4079, 0.3576 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 41.0889, 0.4079, 0.3576 by changing the saturation by 10% instead.


 41.0889, 0.4079,
0.3576


 41.0889, 0.4079,
0.3576


350.6920, 0.3589,
0.3449

 28.3886, 0.4204,
0.3601


 76.8188, 0.3899,
0.3534

 18.6188, 0.4365,
0.3630


 100.6172, 0.3832,
0.3517

 11.3951, 0.4581,
0.3659


 128.8837, 0.3775,
0.3502

 6.3333, 0.4880,
0.3685

162.0027, 0.3727,
0.3489

 3.0488, 0.5318,
0.3687

200.3587, 0.3685,
0.3477

 1.1572, 0.6251,
0.3749

244.3360, 0.3649,

 0.0264, 0.9575,

0.3467

0.0425

294.3189, 0.3617,
0.3458

0.0000, 0.0000,
0.0000

41.0889, 0.4079,
0.3576

41.0889, 0.4079,
0.3576

35.3490, 0.4416,
0.3638

47.7394, 0.3786,
0.3506

30.4733, 0.4791,
0.3685

55.3321, 0.3537,
0.3435

26.4202, 0.5185,
0.3704

63.9046, 0.3329,
0.3366

23.1421, 0.5563,
0.3685

73.4907, 0.3155,
0.3301

20.5859, 0.5883,
0.3623

84.1223, 0.3009,
0.3241

■ 18.9731, 0.6086,
0.3550

■ 94.7457, 0.2946,
0.3289

Harmonies

Analogous

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



41.0889, 0.3882, 0.3194



41.0889, 0.4079, 0.3576



41.0889, 0.3995, 0.3923

Triad

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



41.0889, 0.4079, 0.3576



41.0889, 0.2758, 0.3791



41.0889, 0.2565, 0.2524

Complementary

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



41.0889, 0.4079, 0.3576



52.0425, 0.2508, 0.2976

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.



41.0889, 0.2313, 0.2611



41.0889, 0.4079, 0.3576



41.0889, 0.2415, 0.3322

Square

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



41.0889, 0.4079, 0.3576



41.0889, 0.3217, 0.4104



41.0889, 0.2260, 0.2888



41.0889, 0.2979, 0.2615

Rectangle

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



41.0889, 0.4079, 0.3576



41.0889, 0.3800, 0.4088



41.0889, 0.2260, 0.2888



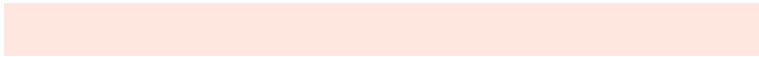
41.0889, 0.2460, 0.2532

Sweetspot

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



41.0909, 0.4079, 0.3576



83.2919, 0.3355, 0.3375



36.4876, 0.3403, 0.2495



17.2701, 0.3399, 0.3390



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.



41.0909, 0.4079, 0.3576



47.9596, 0.4366, 0.3630



59.6518, 0.3850, 0.4090



14.2662, 0.3286, 0.3350



11.0934, 0.6060, 0.3570



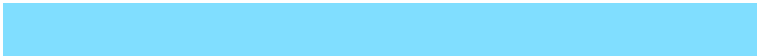
0.9112, 0.5756, 0.3811

Inverse Universe

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



52.0425, 0.2508, 0.2976



64.2597, 0.2397, 0.2900



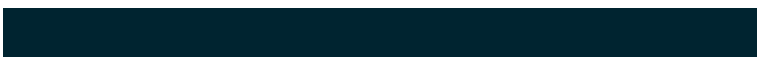
33.5472, 0.2402, 0.2329



14.9491, 0.2982, 0.3229



19.3786, 0.2012, 0.2444



1.4841, 0.2053, 0.2590

Previews

White Background



This preview shows how the Yxy color 41.0889, 0.4079, 0.3576 looks on a white background.

Color Contrast Check

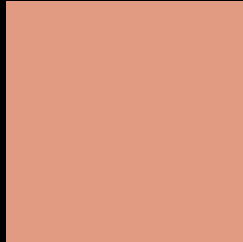
Large Text (above 18pt) WCAG AA × Fail

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 41.0889, 0.4079, 0.3576 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 41.0889, 0.4079, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 41.0889, 0.4079, 0.3576.



This preview shows how white text looks on a background with the Yxy color 41.0889, 0.4079, 0.3576.

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

41.0889, 0.4079, 0.3576

Protanopia

41.4364, 0.3516, 0.3741

Deuteranopia

41.1918, 0.3831, 0.3754



Tritanopia

41.2358, 0.3804, 0.3164

Trichromacy



Original Color

41.0889, 0.4079, 0.3576

Protanomaly

41.0558, 0.3711, 0.3683

Deuteranomaly

40.9503, 0.3920, 0.3679

Tritanomaly

41.0217, 0.3906, 0.3304

Monochromacy



Original Color

41.0889, 0.4079, 0.3576

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9475, 0.3446, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0889, 0.4079, 0.3576 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(225, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 155, 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(225, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 155, 131) }
```

Border

The CSS property to change the border of an element to Yxy 41.0889, 0.4079, 0.3576 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(225, 155, 131) }
```

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

```
.border{ border-color:rgb(225, 155, 131) }
```

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

Here you see how a box with a 4 pixel rgb(225, 155, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 155, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 155, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 155,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0889, 0.4079, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 155, 131) }
```

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

```
.background{ background-color: rgb(225,  
155, 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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