

Converting Colors

$Y_{xy}(41.6695, 0.4160, 0.3609)$

Have a look what the booklet for
Yxy(41.6695, 0.4160, 0.3609)
contains.

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Color

Yxy(41.7980, 0.4169, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	E69B7F
RGB	230, 155, 127
RGB Percent	90%, 61%, 50%
CMY	0.0980, 0.3922, 0.5020
CMYK	0.00, 0.33, 0.45, 0.10
HSL	16°, 67%, 70%
HSV	16°, 45%, 90%
XYZ	48.1902, 41.7980, 25.6036
YIQ	174.2330, 53.6880, 7.1920

Conversions

Conversions Part 2

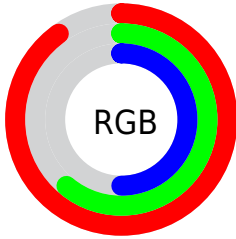
Format	Color
R_{YB}	230, 165, 127
Decimal	15113087
CIE _{Lab}	70.73, 24.86, 26.09
CIE _{LCh}	71, 36.035, 46.390
Yxy	41.7980, 0.4169, 0.3616
Android (android.graphics.Color)	4293303167 (0xFFE69B7F)
YUV	174.2330, -23.2859, 48.9077
Hunter-Lab	64.6514, 19.9115, 21.7756

Details

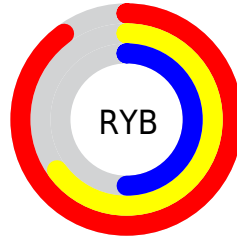
The Yxy color **41.7980, 0.4169, 0.3616** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.4762, 0.2463, 0.2926**, and the grayscale version is **42.5558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6485, 0.3697, 0.3601**, and **19.0212, 0.4476, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **36.0734, 0.4514, 0.3679**, and if you desaturate by 10%, it is **48.4370, 0.3866, 0.3543**.

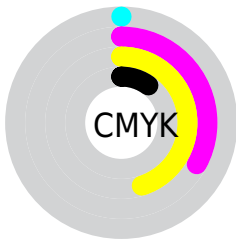
Distribution



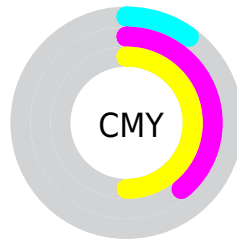
- Red (90%)
- Green (61%)
- Blue (50%)



- Red (90%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7980, 0.4169, 0.3616 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 41.7980, 0.4169, 0.3616 by changing the saturation by 10% instead.


 41.7980, 0.4169,
0.3616

 41.7980, 0.4169,
0.3616


353.6449, 0.3635,
0.3473


 28.9432, 0.4304,
0.3644

 77.8938, 0.3973,
0.3570

 19.0378, 0.4477,
0.3674


 101.9036, 0.3900,
0.3551

 11.6976, 0.4706,
0.3704


 130.4004, 0.3839,
0.3534

 6.5381, 0.5020,
0.3726

163.7688, 0.3786,
0.3519

 3.1750, 0.5483,
0.3725

202.3930, 0.3741,
0.3506

 1.2237, 0.6307,
0.3693

246.6575, 0.3701,

 0.0810, 0.8941,

0.3494

0.1059

296.9467, 0.3666,
0.3483

0.0000, 0.0000,
0.0000

41.7980, 0.4169,
0.3616

41.7980, 0.4169,
0.3616

36.0734, 0.4514,
0.3679

48.4370, 0.3866,
0.3543

31.2159, 0.4890,
0.3721

56.0226, 0.3607,
0.3467

27.1832, 0.5276,
0.3732

64.5930, 0.3388,
0.3393

23.9264, 0.5636,
0.3701

74.1823, 0.3204,
0.3322

21.3908, 0.5928,
0.3626

84.8230, 0.3051,
0.3256

■ 20.3287, 0.6051,
0.3577

■ 95.5667, 0.2976,
0.3290

Harmonies

Analogous

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



41.7980, 0.3971, 0.3204



41.7980, 0.4169, 0.3616



41.7980, 0.4057, 0.3991

Triad

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



41.7980, 0.4169, 0.3616



41.7980, 0.2699, 0.3815



41.7980, 0.2536, 0.2462

Complementary

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



41.7980, 0.4169, 0.3616



52.4762, 0.2463, 0.2926

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.



41.7980, 0.2255, 0.2542



41.7980, 0.4169, 0.3616



41.7980, 0.2339, 0.3293

Square

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



41.7980, 0.4169, 0.3616



41.7980, 0.3193, 0.4173



41.7980, 0.2186, 0.2827



41.7980, 0.2991, 0.2570

Rectangle

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



41.7980, 0.4169, 0.3616



41.7980, 0.3836, 0.4168



41.7980, 0.2186, 0.2827



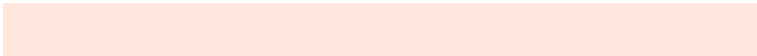
41.7980, 0.2420, 0.2466

Sweetspot

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



41.8001, 0.4169, 0.3616



83.5994, 0.3354, 0.3380



36.2938, 0.3448, 0.2456



17.3453, 0.3398, 0.3397



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.



41.8001, 0.4169, 0.3616



45.9030, 0.4496, 0.3676



62.4929, 0.3900, 0.4164



15.0021, 0.3286, 0.3355



11.6805, 0.6024, 0.3599



1.0142, 0.5737, 0.3827

Inverse Universe

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



52.4762, 0.2463, 0.2926



60.9449, 0.2343, 0.2834



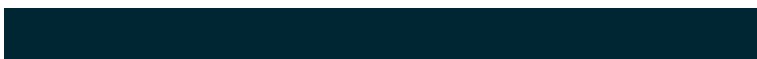
32.3697, 0.2339, 0.2220



15.6390, 0.2981, 0.3225



19.1957, 0.1996, 0.2384



1.5708, 0.2037, 0.2532

Previews

White Background



This preview shows how the Yxy color 41.7980, 0.4169, 0.3616 looks on a white background.

Color Contrast Check

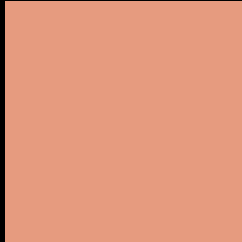
Large Text (above 18pt) WCAG AA × Fail

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 41.7980, 0.4169, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

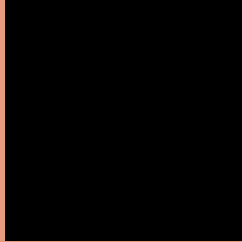
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7980, 0.4169, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 41.7980, 0.4169, 0.3616.



This preview shows how white text looks on a background with the Yxy color 41.7980, 0.4169, 0.3616.

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

41.7980, 0.4169, 0.3616

Protanopia

41.9507, 0.3568, 0.3806

Deuteranopia

41.8749, 0.3894, 0.3810



Tritanopia

41.7450, 0.3857, 0.3155

Trichromacy



Original Color

41.7980, 0.4169, 0.3616

Protanomaly

41.3559, 0.3779, 0.3731

Deuteranomaly

41.7941, 0.3994, 0.3733

Tritanomaly

41.7822, 0.3976, 0.3327

Monochromacy



Original Color

41.7980, 0.4169, 0.3616

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5411, 0.3473, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7980, 0.4169, 0.3616 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(230, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 155, 127)  
}
```

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(230, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 155, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.7980, 0.4169, 0.3616 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(230, 155, 127) }
```

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

```
.border{ border-color:rgb(230, 155, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 155, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 155, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 155,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7980, 0.4169, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 155, 127) }
```

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

```
.background{ background-color: rgb(230,  
155, 127) }
```

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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