

Converting Colors

$Yxy(47.4204, 0.3613, 0.3637)$

Have a look what the booklet for
Yxy(47.4204, 0.3613, 0.3637)
contains.

Yxy(47.1970, 0.3610, 0.3629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.1970, 0.3610, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	CEB297
RGB	206, 178, 151
RGB Percent	81%, 70%, 59%
CMY	0.1923, 0.3019, 0.4079
CMYK	0.00, 0.14, 0.27, 0.19
HSL	30°, 36%, 70%
HSV	30°, 27%, 81%
XYZ	46.9499, 47.1970, 35.9082
YIQ	183.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

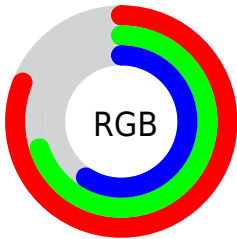
Format	Color
R_{YB}	206, 204, 151
Decimal	13546135
CIE _{Lab}	74.32, 5.96, 17.54
CIE _{LCh}	74, 18.521, 71.243
Yxy	47.1970, 0.3610, 0.3629
Android (android.graphics.Color)	4291736215 (0xFFCEB297)
YUV	183.2940, -15.9209, 19.9132
Hunter-Lab	68.7001, 1.7625, 17.1003

Details

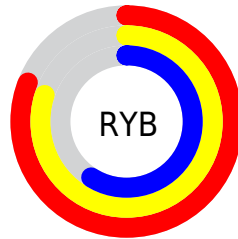
The Yxy color $47.1970, 0.3610, 0.3629$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $43.2413, 0.2706, 0.2925$, and the grayscale version is $47.6008, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5134, 0.3462, 0.3582$, and $22.1666, 0.3750, 0.3712$ is the 20% darker color. If you saturate the color by 10%, you get $42.5794, 0.3836, 0.3762$, and if you desaturate by 10%, it is $52.2537, 0.3409, 0.3497$.

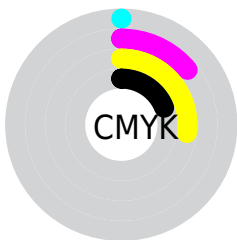
Distribution



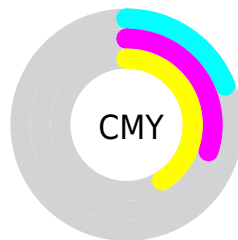
- Red (81%)
- Green (70%)
- Blue (59%)



- Red (81%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1970, 0.3610, 0.3629 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 47.1970, 0.3610, 0.3629 by changing the saturation by 10% instead.


 47.1970, 0.3610,
0.3629


 47.1970, 0.3610,
0.3629

375.6003, 0.3368,
0.3464

 33.1914, 0.3670,
0.3669


 86.0076, 0.3522,
0.3570

 22.2731, 0.3747,
0.3719


 111.5814, 0.3489,
0.3547

 14.0577, 0.3849,
0.3784


141.7801, 0.3461,
0.3528

 8.1608, 0.3990,
0.3870

176.9880, 0.3437,
0.3512

 4.1980, 0.4195,
0.3989

217.5896, 0.3417,
0.3497

 1.7849, 0.4591,
0.4226

263.9693, 0.3398,

 0.4778, 0.5565,

0.3485

0.4435

316.5114, 0.3382,
0.3473

0.0000, 0.0000,
0.0000

47.1970, 0.3610,
0.3629

47.1970, 0.3610,
0.3629

42.5794, 0.3836,
0.3762

52.2537, 0.3409,
0.3497

38.3811, 0.4086,
0.3890

57.7554, 0.3233,
0.3371

34.5906, 0.4355,
0.4003

63.7162, 0.3078,
0.3251

31.1928, 0.4634,
0.4091

70.1474, 0.2944,
0.3141

28.1717, 0.4908,
0.4140

77.0600, 0.2828,
0.3038

■ 25.5092, 0.5161,
0.4140

■ 83.1398, 0.2829,
0.3140

■ 23.1843, 0.5375,
0.4085

■ 89.5091, 0.2836,
0.3251

■ 22.4796, 0.5442,
0.4061

■ 91.8555, 0.2838,
0.3289

Harmonies

Analogous

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



47.1970, 0.3631, 0.3438



47.1970, 0.3610, 0.3629



47.1970, 0.3456, 0.3739

Triad

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



47.1970, 0.3610, 0.3629



47.1970, 0.2754, 0.3345



47.1970, 0.3022, 0.2898

Complementary

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



47.1970, 0.3610, 0.3629



43.2413, 0.2706, 0.2925

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.



47.1970, 0.2797, 0.2863



47.1970, 0.3610, 0.3629



47.1970, 0.2648, 0.3108

Square

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



47.1970, 0.3610, 0.3629



47.1970, 0.2960, 0.3576



47.1970, 0.2663, 0.2935



47.1970, 0.3284, 0.3027

Rectangle

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



47.1970, 0.3610, 0.3629



47.1970, 0.3301, 0.3744



47.1970, 0.2663, 0.2935



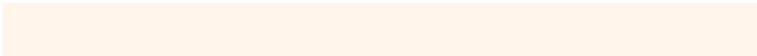
47.1970, 0.2940, 0.2875

Sweetspot

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



47.1992, 0.3610, 0.3629



92.3181, 0.3256, 0.3388



38.5155, 0.3407, 0.2937



19.4623, 0.3282, 0.3407



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.



47.1992, 0.3610, 0.3629



72.1493, 0.3736, 0.3705



59.0310, 0.3530, 0.3941



12.1095, 0.3278, 0.3404



14.0422, 0.5419, 0.4079



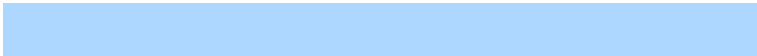
0.8762, 0.5117, 0.4319

Inverse Universe

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



43.2413, 0.2706, 0.2925



64.6835, 0.2613, 0.2834



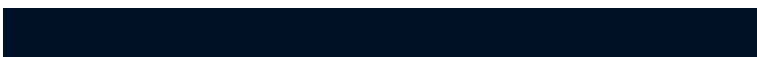
33.4580, 0.2669, 0.2544



11.7707, 0.2983, 0.3173



9.1207, 0.1783, 0.1618



0.6223, 0.1880, 0.1969

Previews

White Background



This preview shows how the Yxy color 47.1970, 0.3610, 0.3629 looks on a white background.

Color Contrast Check

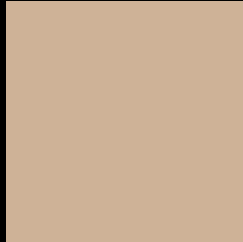
Large Text (above 18pt) WCAG AA × Fail

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 47.1970, 0.3610, 0.3629 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 47.1970, 0.3610, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 47.1970, 0.3610, 0.3629.



This preview shows how white text looks on a background with the Yxy color 47.1970, 0.3610, 0.3629.

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

47.1970, 0.3610, 0.3629

Protanopia

47.0933, 0.3462, 0.3666

Deuteranopia

47.2821, 0.3673, 0.3598



Tritanopia

47.1339, 0.3350, 0.3134

Trichromacy



Original Color

47.1970, 0.3610, 0.3629

Protanomaly

47.3205, 0.3519, 0.3661

Deuteranomaly

47.3803, 0.3651, 0.3612

Tritanomaly

47.2324, 0.3451, 0.3315

Monochromacy



Original Color

47.1970, 0.3610, 0.3629

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.0644, 0.3295, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1970, 0.3610, 0.3629 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(206, 178, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 151)  
}
```

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(206, 178, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 151) }
```

Border

The CSS property to change the border of an element to Yxy 47.1970, 0.3610, 0.3629 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(206, 178, 151) }
```

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

```
.border{ border-color:rgb(206, 178, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1970, 0.3610, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 151) }
```

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

```
.background{ background-color: rgb(206,  
178, 151) }
```

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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