

Converting Colors

$Y_{xy}(60.7449, 0.3401, 0.3430)$

Have a look what the booklet for
Yxy(60.7449, 0.3401, 0.3430)
contains.

| | |
|--|----|
| Yxy(60.6274, 0.3401, 0.3427) | 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(60.6274, 0.3401, 0.3427)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DFC8BC |
| RGB | 223, 200, 188 |
| RGB Percent | 87%, 78%, 74% |
| CMY | 0.1254, 0.2157, 0.2627 |
| CMYK | 0.00, 0.10, 0.16, 0.13 |
| HSL | 21°, 35%, 81% |
| HSV | 21°, 16%, 87% |
| XYZ | 60.1674, 60.6274, 56.1162 |
| YIQ | 205.5090, 17.5600, 1.1440 |

Conversions

Conversions Part 2

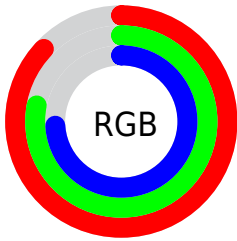
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 206, 188 |
| Decimal | 14665916 |
| CIE Lab | 82.18, 6.14, 8.92 |
| CIE LCh | 82, 10.827, 55.482 |
| Yxy | 60.6274, 0.3401, 0.3427 |
| Android (android.graphics.Color) | 4292855996 (0xFFDFC8BC) |
| YUV | 205.5090, -8.6319, 15.3396 |
| Hunter-Lab | 77.8636, 1.6708, 11.7743 |

Details

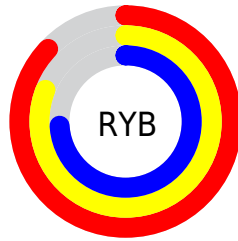
The Yxy color $60.6274, 0.3401, 0.3427$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.6265, 0.2884, 0.3149$, and the grayscale version is $61.4422, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3117, 0.3191, 0.3396$, and $30.6319, 0.3475, 0.3456$ is the 20% darker color. If you saturate the color by 10%, you get $53.2706, 0.3616, 0.3520$, and if you desaturate by 10%, it is $68.7899, 0.3218, 0.3338$.

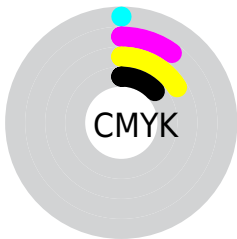
Distribution



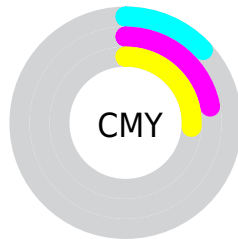
- Red (87%)
- Green (78%)
- Blue (74%)



- Red (87%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6274, 0.3401, 0.3427 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 60.6274, 0.3401, 0.3427 by changing the saturation by 10% instead.

 60.6274, 0.3401,
0.3427

 60.6274, 0.3401,
0.3427


426.9065, 0.3269,
0.3363

 43.9245, 0.3432,
0.3442


 105.7393, 0.3354,
0.3405

 30.6112, 0.3472,
0.3460


134.9170, 0.3336,
0.3396

 20.3030, 0.3523,
0.3484


169.0219, 0.3321,
0.3388

 12.6155, 0.3592,
0.3515

208.4383, 0.3308,
0.3382

 7.1643, 0.3689,
0.3557

253.5505, 0.3297,
0.3376

 3.5651, 0.3838,
0.3618

304.7430, 0.3286,

 1.4334, 0.4095,

0.3371

362.4002, 0.3277,
0.3367

0.3716

0.2411, 0.6111,
0.3889

0.0000, 0.0000,
0.0000

60.6274, 0.3401,
0.3427

60.6274, 0.3401,
0.3427

53.2706, 0.3616,
0.3520

68.7899, 0.3218,
0.3338

46.6864, 0.3866,
0.3615

77.7738, 0.3064,
0.3255

40.8511, 0.4153,
0.3706

87.6048, 0.2932,
0.3178

35.7365, 0.4475,
0.3785

94.4304, 0.2935,
0.3289

■ 31.3129, 0.4821,
0.3841

■ 27.5479, 0.5173,
0.3862

■ 24.4062, 0.5500,
0.3835

■ 21.8479, 0.5773,
0.3759

■ 20.9086, 0.5875,
0.3717

Harmonies

Analogous

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



60.6274, 0.3371, 0.3312



60.6274, 0.3401, 0.3427



60.6274, 0.3355, 0.3509

Triad

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



60.6274, 0.3401, 0.3427



60.6274, 0.2980, 0.3387



60.6274, 0.3003, 0.3057

Complementary

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



60.6274, 0.3401, 0.3427



62.6265, 0.2884, 0.3149

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.



60.6274, 0.2902, 0.3072



60.6274, 0.3401, 0.3427



60.6274, 0.2889, 0.3260

Square

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



60.6274, 0.3401, 0.3427



60.6274, 0.3111, 0.3489



60.6274, 0.2861, 0.3145



60.6274, 0.3139, 0.3102

Rectangle

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



60.6274, 0.3401, 0.3427



60.6274, 0.3289, 0.3533



60.6274, 0.2861, 0.3145



60.6274, 0.2964, 0.3055

Sweetspot

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



60.6301, 0.3401, 0.3427



93.9724, 0.3207, 0.3332



56.3843, 0.3235, 0.3029



19.9375, 0.3219, 0.3339



0.0000, 0.0000, 0.0000



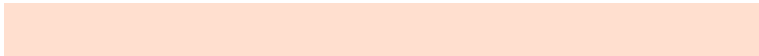
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.6301, 0.3401, 0.3427



78.5924, 0.3471, 0.3459



69.0417, 0.3372, 0.3616



14.4639, 0.3283, 0.3371



12.4814, 0.5848, 0.3739



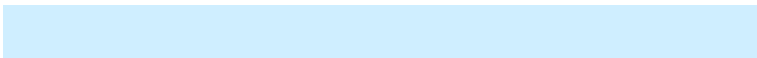
1.0276, 0.5549, 0.3976

Inverse Universe

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



62.6265, 0.2884, 0.3149



81.8097, 0.2831, 0.3115



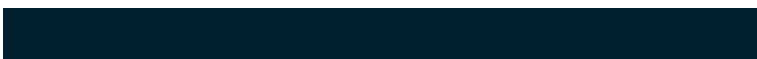
54.5384, 0.2876, 0.2942



14.7408, 0.2982, 0.3208



15.5561, 0.1926, 0.2134



1.2427, 0.1981, 0.2333

Previews

White Background



This preview shows how the Yxy color 60.6274, 0.3401, 0.3427 looks on a white background.

Color Contrast Check

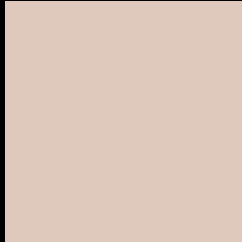
Large Text (above 18pt) WCAG AA × Fail

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 60.6274, 0.3401, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

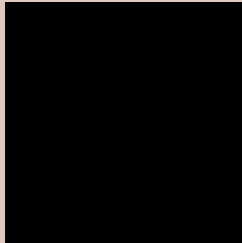
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6274, 0.3401, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 60.6274, 0.3401, 0.3427.



This preview shows how white text looks on a background with the Yxy color 60.6274, 0.3401, 0.3427.

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

60.6274, 0.3401, 0.3427

Protanopia

60.9005, 0.3291, 0.3453

Deuteranopia

60.4296, 0.3456, 0.3380



Tritanopia

60.4021, 0.3247, 0.3113

Trichromacy



Original Color

60.6274, 0.3401, 0.3427

Protanomaly

60.9849, 0.3332, 0.3452

Deuteranomaly

60.3932, 0.3430, 0.3392

Tritanomaly

60.2519, 0.3306, 0.3223

Monochromacy



Original Color

60.6274, 0.3401, 0.3427

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3063, 0.3225, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6274, 0.3401, 0.3427 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, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 188)  
}
```

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, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.6274, 0.3401, 0.3427 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, 200, 188) }
```

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

```
.border{ border-color:rgb(223, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 200, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 200, 188); box-shadow:4px 4px 4px 4px rgb(223, 200, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6274, 0.3401, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 188) }
```

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

```
.background{ background-color: rgb(223,  
200, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor