

Converting Colors

Yxy(60.1744, 0.3287, 0.3387)

Have a look what the booklet for
Yxy(60.1744, 0.3287, 0.3387)
contains.

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Color

Yxy(60.3875, 0.3287, 0.3395)

Conversions

Conversions Part 1	
Format	Color
Hex	D6CAC1
RGB	214, 202, 193
RGB Percent	84%, 79%, 76%
CMY	0.1610, 0.2078, 0.2432
CMYK	0.00, 0.06, 0.10, 0.16
HSL	26°, 20%, 80%
HSV	26°, 10%, 84%
XYZ	58.4665, 60.3875, 59.0179
YIQ	204.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

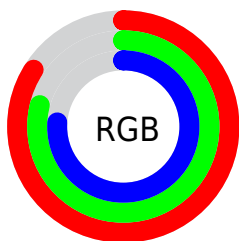
Format	Color
RYB	214, 209, 193
Decimal	14076609
CIELab	82.05, 2.61, 5.98
CIELCh	82, 6.525, 66.421
Yxy	60.3875, 0.3287, 0.3395
Android (android.graphics.Color)	4292266689 (0xFFD6CAC1)
YUV	204.5620, -5.7001, 8.2771
Hunter-Lab	77.7094, -1.6928, 9.3677

Details

The Yxy color $60.3875, 0.3287, 0.3395$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.8130, 0.2976, 0.3183$, and the grayscale version is $60.7874, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.6196, 0.3162, 0.3347$, and $30.4442, 0.3321, 0.3413$ is the 20% darker color. If you saturate the color by 10%, you get $54.0119, 0.3476, 0.3508$, and if you desaturate by 10%, it is $67.3575, 0.3124, 0.3288$.

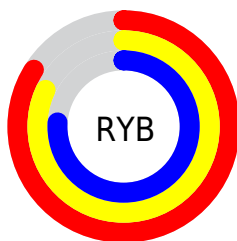
Distribution



Red (84%)

Green (79%)

Blue (76%)



Red (84%)

Yellow (82%)

Blue (76%)

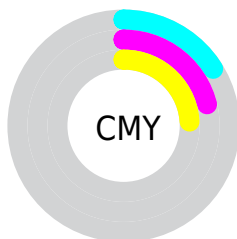


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (21%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3875, 0.3287, 0.3395 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 60.3875, 0.3287, 0.3395 by changing the saturation by 10% instead.


 60.3875, 0.3287,
0.3395

 60.3875, 0.3287,
0.3395


426.0246, 0.3210,
0.3345

 43.7310, 0.3305,
0.3407


 105.3916, 0.3260,
0.3377

 30.4591, 0.3328,
0.3421


134.5080, 0.3249,
0.3371

 20.1873, 0.3358,
0.3440


168.5465, 0.3241,
0.3365

 12.5313, 0.3398,
0.3465

207.8916, 0.3233,
0.3360

 7.1066, 0.3455,
0.3501

252.9275, 0.3226,
0.3356

 3.5289, 0.3542,
0.3554


304.0387, 0.3220,


 1.4137, 0.3690,

0.3352

0.3641


361.6096, 0.3215,
0.3348


 0.2268, 0.5519,
0.4481


 0.0000, 0.0000,
0.0000


 60.3875, 0.3287,
0.3395


 60.3875, 0.3287,
0.3395


 54.0119, 0.3476,
0.3508


 67.3575, 0.3124,
0.3288

 48.2065, 0.3693,
0.3626

 74.9294, 0.2984,
0.3188

 42.9568, 0.3939,
0.3743

 82.9802, 0.2875,
0.3119

 38.2450, 0.4214,
0.3852

 90.3342, 0.2881,
0.3246

■ 34.0518, 0.4511,
0.3945

■ 93.0294, 0.2883,
0.3289

■ 30.3568, 0.4820,
0.4008

■ 27.1377, 0.5121,
0.4029

■ 24.3700, 0.5392,
0.3997

■ 22.0194, 0.5620,
0.3918

Harmonies

Analogous

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



60.3875, 0.3286, 0.3331



60.3875, 0.3287, 0.3395



60.3875, 0.3245, 0.3432

Triad

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



60.3875, 0.3287, 0.3395



60.3875, 0.3014, 0.3322



60.3875, 0.3081, 0.3154

Complementary

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



60.3875, 0.3287, 0.3395



59.8130, 0.2976, 0.3183

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.



60.3875, 0.3010, 0.3150



60.3875, 0.3287, 0.3395



60.3875, 0.2971, 0.3246

Square

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



60.3875, 0.3287, 0.3395



60.3875, 0.3087, 0.3390



60.3875, 0.2970, 0.3183



60.3875, 0.3166, 0.3193

Rectangle

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



60.3875, 0.3287, 0.3395



60.3875, 0.3198, 0.3435



60.3875, 0.2970, 0.3183



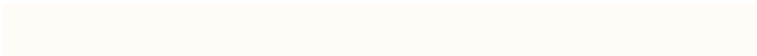
60.3875, 0.3055, 0.3149

Sweetspot

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



60.3902, 0.3287, 0.3395



96.7705, 0.3174, 0.3322



56.8418, 0.3204, 0.3149



20.5311, 0.3187, 0.3330



0.0000, 0.0000, 0.0000



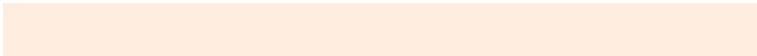
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3902, 0.3287, 0.3395



87.5711, 0.3328, 0.3421



65.3299, 0.3274, 0.3510



13.2920, 0.3280, 0.3391



13.4874, 0.5599, 0.3936



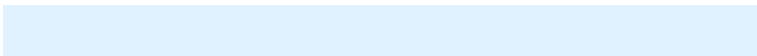
0.9761, 0.5298, 0.4176

Inverse Universe

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



59.8130, 0.2976, 0.3183



86.5256, 0.2940, 0.3156



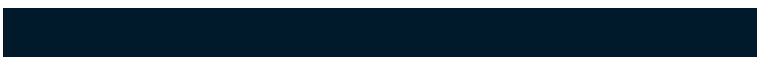
55.0996, 0.2975, 0.3060



13.1701, 0.2982, 0.3187



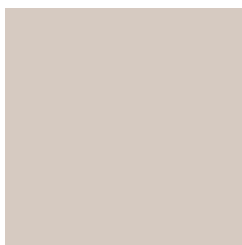
11.5275, 0.1840, 0.1823



0.8583, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 60.3875, 0.3287, 0.3395 looks on a white background.

Color Contrast Check

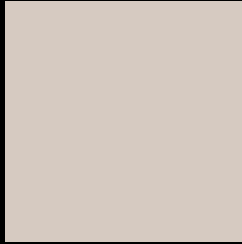
Large Text (above 18pt) WCAG AA × Fail

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 60.3875, 0.3287, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

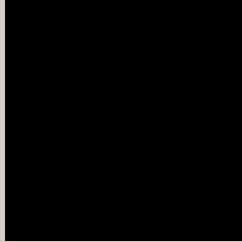
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

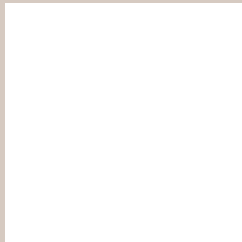
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3875, 0.3287, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 60.3875, 0.3287, 0.3395.

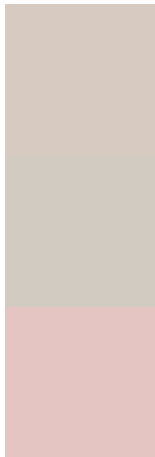


This preview shows how white text looks on a background with the Yxy color 60.3875, 0.3287, 0.3395.

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

60.3875, 0.3287, 0.3395

Protanopia

60.3086, 0.3247, 0.3395

Deuteranopia

60.3215, 0.3400, 0.3324



Tritanopia

60.4536, 0.3158, 0.3121

Trichromacy



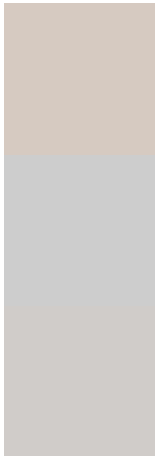
Original Color
60.3875, 0.3287, 0.3395

Protanomaly
60.4558, 0.3255, 0.3395

Deuteranomaly
60.4299, 0.3356, 0.3347

Tritanomaly
60.3637, 0.3209, 0.3222

Monochromacy



Original Color
60.3875, 0.3287, 0.3395

Achromatopsia
61.0496, 0.3127, 0.3290

Achromatomaly
60.8127, 0.3179, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3875, 0.3287, 0.3395 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(214, 202, 193) looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 193)  
}
```

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(214, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 193) }
```

Border

The CSS property to change the border of an element to Yxy 60.3875, 0.3287, 0.3395 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(214, 202, 193) }
```

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

```
.border{ border-color:rgb(214, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3875, 0.3287, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 193) }
```

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

```
.background{ background-color: rgb(214,  
202, 193) }
```

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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