

Converting Colors

Yxy(57.5963, 0.3313, 0.3348)

Have a look what the booklet for
Yxy(57.5963, 0.3313, 0.3348)
contains.

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Color

Yxy(57.5376, 0.3310, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4BF
RGB	214, 196, 191
RGB Percent	84%, 77%, 75%
CMY	0.1609, 0.2313, 0.2510
CMYK	0.00, 0.08, 0.11, 0.16
HSL	13°, 22%, 79%
HSV	13°, 11%, 84%
XYZ	56.8676, 57.5376, 57.4002
YIQ	200.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

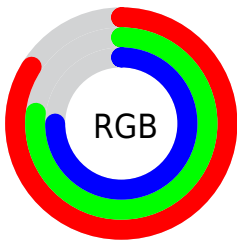
Format	Color
R _Y B	214, 197, 191
Decimal	14075071
CIE Lab	80.48, 5.45, 4.78
CIE LCh	80, 7.253, 41.243
Yxy	57.5376, 0.3310, 0.3349
Android (android.graphics.Color)	4292265151 (0xFFD6C4BF)
YUV	200.8120, -4.8373, 11.5659
Hunter-Lab	75.8535, 1.0781, 8.2313

Details

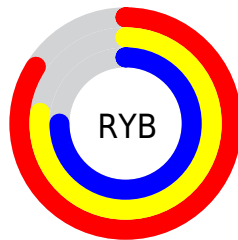
The Yxy color $57.5376, 0.3310, 0.3349$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.5063, 0.2962, 0.3230$, and the grayscale version is $58.3100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2260, 0.3175, 0.3348$, and $28.5519, 0.3353, 0.3353$ is the 20% darker color. If you saturate the color by 10%, you get $49.5361, 0.3517, 0.3408$, and if you desaturate by 10%, it is $66.5229, 0.3138, 0.3294$.

Distribution



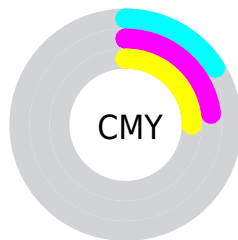
- Red (84%)
- Green (77%)
- Blue (75%)



- Red (84%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (16%)




- Cyan (16%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5376, 0.3310, 0.3349 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 57.5376, 0.3310, 0.3349 by changing the saturation by 10% instead.


 57.5376, 0.3310,
0.3349

 57.5376, 0.3310,
0.3349


415.4607, 0.3221,
0.3321

 41.4370, 0.3331,
0.3355


 101.2492, 0.3278,
0.3339

 28.6607, 0.3358,
0.3364


129.6290, 0.3266,
0.3336

 18.8243, 0.3393,
0.3374


162.8707, 0.3256,
0.3332

 11.5434, 0.3441,
0.3388

201.3586, 0.3247,
0.3329

 6.4336, 0.3509,
0.3407

245.4771, 0.3240,
0.3327

 3.1105, 0.3616,
0.3434

295.6108, 0.3233,

 1.1897, 0.3804,

0.3325

0.3479

352.1438, 0.3227,
0.3323

0.0533, 0.7753,
0.2247

0.0000, 0.0000,
0.0000

57.5376, 0.3310,
0.3349

57.5376, 0.3310,
0.3349

49.5361, 0.3517,
0.3408

66.5229, 0.3138,
0.3294

42.4772, 0.3765,
0.3469

76.5160, 0.2996,
0.3243

36.3283, 0.4060,
0.3529

87.5375, 0.2879,
0.3199

31.0517, 0.4403,
0.3583

93.0307, 0.2883,
0.3289

■ 26.6073, 0.4787,
0.3623

■ 22.9516, 0.5195,
0.3639

■ 20.0370, 0.5590,
0.3623

■ 17.8104, 0.5925,
0.3568

■ 16.3016, 0.6156,
0.3494

Harmonies

Analogous

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



57.5376, 0.3267, 0.3266



57.5376, 0.3310, 0.3349



57.5376, 0.3303, 0.3418

Triad

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



57.5376, 0.3310, 0.3349



57.5376, 0.3067, 0.3392



57.5376, 0.3006, 0.3130

Complementary

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



57.5376, 0.3310, 0.3349



61.5063, 0.2962, 0.3230

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.



57.5376, 0.2954, 0.3161



57.5376, 0.3310, 0.3349



57.5376, 0.2989, 0.3312

Square

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



57.5376, 0.3310, 0.3349



57.5376, 0.3162, 0.3444



57.5376, 0.2948, 0.3227



57.5376, 0.3090, 0.3142

Rectangle

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



57.5376, 0.3310, 0.3349



57.5376, 0.3272, 0.3446



57.5376, 0.2948, 0.3227



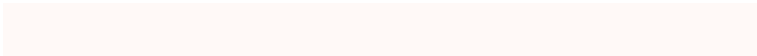
57.5376, 0.2984, 0.3136

Sweetspot

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



57.5401, 0.3310, 0.3349



95.7611, 0.3175, 0.3306



56.1568, 0.3177, 0.3083



20.2593, 0.3188, 0.3311



0.0000, 0.0000, 0.0000



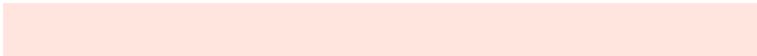
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5401, 0.3310, 0.3349



82.6138, 0.3356, 0.3363



62.9004, 0.3295, 0.3480



12.8561, 0.3286, 0.3342



9.9835, 0.6133, 0.3512



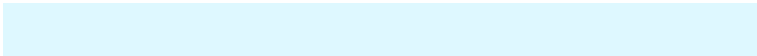
0.7267, 0.5795, 0.3781

Inverse Universe

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



61.5063, 0.2962, 0.3230



89.7138, 0.2926, 0.3216



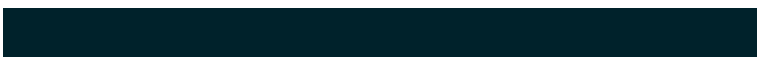
56.0941, 0.2961, 0.3093



13.6262, 0.2982, 0.3238



19.8582, 0.2049, 0.2575



1.3144, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 57.5376, 0.3310, 0.3349 looks on a white background.

Color Contrast Check

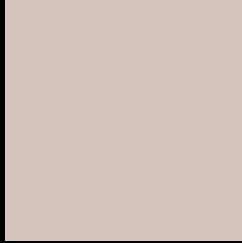
Large Text (above 18pt) WCAG AA × Fail

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 57.5376, 0.3310, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

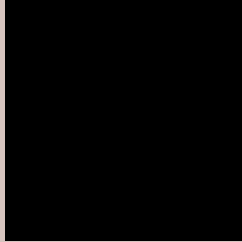
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5376, 0.3310, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 57.5376, 0.3310, 0.3349.



This preview shows how white text looks on a background with the Yxy color 57.5376, 0.3310, 0.3349.

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

57.5376, 0.3310, 0.3349

Protanopia

57.6762, 0.3219, 0.3362

Deuteranopia

57.4753, 0.3373, 0.3302



Tritanopia

57.3423, 0.3192, 0.3108

Trichromacy



Original Color

57.5376, 0.3310, 0.3349

Protanomaly

57.6038, 0.3251, 0.3361

Deuteranomaly

57.4494, 0.3347, 0.3314

Tritanomaly

57.2949, 0.3236, 0.3198

Monochromacy



Original Color

57.5376, 0.3310, 0.3349

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9999, 0.3197, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5376, 0.3310, 0.3349 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, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 191)  
}
```

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, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 191) }
```

Border

The CSS property to change the border of an element to Yxy 57.5376, 0.3310, 0.3349 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, 196, 191) }
```

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

```
.border{ border-color:rgb(214, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5376, 0.3310, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 191) }
```

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

```
.background{ background-color: rgb(214,  
196, 191) }
```

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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