

Converting Colors

Yxy(57.0627, 0.3419, 0.3366)

Have a look what the booklet for
Yxy(57.0627, 0.3419, 0.3366)
contains.

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Color

Yxy(57.2147, 0.3421, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	DEC1BA
RGB	222, 193, 186
RGB Percent	87%, 76%, 73%
CMY	0.1293, 0.2432, 0.2705
CMYK	0.00, 0.13, 0.16, 0.13
HSL	12°, 35%, 80%
HSV	12°, 16%, 87%
XYZ	58.0633, 57.2147, 54.4482
YIQ	200.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

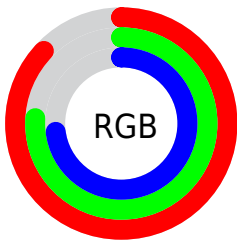
Format	Color
R _Y B	222, 195, 186
Decimal	14598586
CIE Lab	80.30, 9.17, 7.29
CIE LCh	80, 11.710, 38.491
Yxy	57.2147, 0.3421, 0.3371
Android (android.graphics.Color)	4292788666 (0xFFDEC1BA)
YUV	200.8730, -7.3324, 18.5284
Hunter-Lab	75.6404, 4.6501, 10.2696

Details

The Yxy color $57.2147, 0.3421, 0.3371$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.3405, 0.2879, 0.3208$, and the grayscale version is $58.3664, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4222, 0.3207, 0.3358$, and $28.3742, 0.3505, 0.3382$ is the 20% darker color. If you saturate the color by 10%, you get $48.9042, 0.3653, 0.3425$, and if you desaturate by 10%, it is $66.6349, 0.3229, 0.3320$.

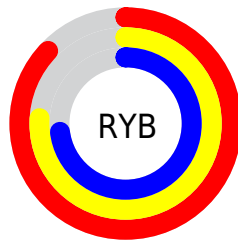
Distribution



Red (87%)

Green (76%)

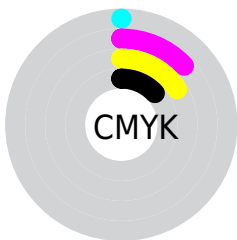
Blue (73%)



Red (87%)

Yellow (76%)

Blue (73%)

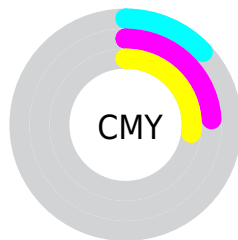


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (13%)



Cyan (13%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2147, 0.3421, 0.3371 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 57.2147, 0.3421, 0.3371 by changing the saturation by 10% instead.


 57.2147, 0.3421,
0.3371

 57.2147, 0.3421,
0.3371


414.2533, 0.3278,
0.3334

 41.1776, 0.3455,
0.3380


 100.7784, 0.3370,
0.3358

 28.4579, 0.3499,
0.3390

129.0738, 0.3351,
0.3353

 18.6711, 0.3556,
0.3403


162.2242, 0.3334,
0.3349

 11.4329, 0.3633,
0.3420

200.6138, 0.3320,
0.3345

 6.3588, 0.3744,
0.3443

244.6271, 0.3307,
0.3342

 3.0645, 0.3917,
0.3474

294.6486, 0.3297,

 1.1655, 0.4243,

0.3339

351.0625, 0.3287,
0.3336

0.3536

0.0332, 0.8848,
0.1152

0.0000, 0.0000,
0.0000

57.2147, 0.3421,
0.3371

57.2147, 0.3421,
0.3371

48.9042, 0.3653,
0.3425

66.6349, 0.3229,
0.3320

41.6549, 0.3932,
0.3479

77.1958, 0.3071,
0.3273

35.4261, 0.4261,
0.3530

88.9368, 0.2940,
0.3229

30.1713, 0.4639,
0.3572

94.2729, 0.2929,
0.3289

■ 25.8407, 0.5051,
0.3595

■ 22.3796, 0.5467,
0.3591

■ 19.7275, 0.5840,
0.3553

■ 17.8152, 0.6121,
0.3483

■ 17.2623, 0.6205,
0.3456

Harmonies

Analogous

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



57.2147, 0.3343, 0.3239



57.2147, 0.3421, 0.3371



57.2147, 0.3417, 0.3486

Triad

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



57.2147, 0.3421, 0.3371



57.2147, 0.3043, 0.3467



57.2147, 0.2920, 0.3035

Complementary

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



57.2147, 0.3421, 0.3371



64.3405, 0.2879, 0.3208

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.



57.2147, 0.2844, 0.3088



57.2147, 0.3421, 0.3371



57.2147, 0.2914, 0.3337

Square

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



57.2147, 0.3421, 0.3371



57.2147, 0.3197, 0.3547



57.2147, 0.2842, 0.3197



57.2147, 0.3052, 0.3048

Rectangle

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



57.2147, 0.3421, 0.3371



57.2147, 0.3370, 0.3537



57.2147, 0.2842, 0.3197



57.2147, 0.2888, 0.3045

Sweetspot

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



57.2173, 0.3421, 0.3371



92.8217, 0.3209, 0.3314



55.5873, 0.3197, 0.2961



19.6586, 0.3221, 0.3318



0.0000, 0.0000, 0.0000



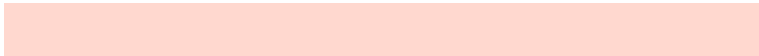
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2173, 0.3421, 0.3371



74.8232, 0.3485, 0.3387



65.4793, 0.3389, 0.3568



14.1283, 0.3287, 0.3336



10.3738, 0.6183, 0.3473



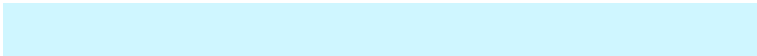
0.8432, 0.5894, 0.3702

Inverse Universe

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



64.3405, 0.2879, 0.3208



86.0962, 0.2835, 0.3191



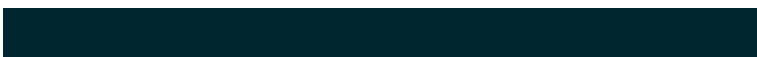
55.8405, 0.2870, 0.2995



15.0973, 0.2982, 0.3243



22.4356, 0.2072, 0.2659



1.6722, 0.2102, 0.2767

Previews

White Background



This preview shows how the Yxy color 57.2147, 0.3421, 0.3371 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 57.2147, 0.3421, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

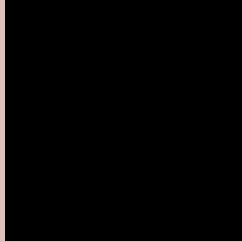
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2147, 0.3421, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 57.2147, 0.3421, 0.3371.



This preview shows how white text looks on a background with the Yxy color 57.2147, 0.3421, 0.3371.

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

57.2147, 0.3421, 0.3371

Protanopia

57.5001, 0.3249, 0.3410

Deuteranopia

56.9324, 0.3431, 0.3360



Tritanopia

57.0820, 0.3291, 0.3122

Trichromacy



Original Color

57.2147, 0.3421, 0.3371

Protanomaly

57.4122, 0.3308, 0.3397

Deuteranomaly

56.9324, 0.3431, 0.3360

Tritanomaly

57.0268, 0.3337, 0.3211

Monochromacy



Original Color

57.2147, 0.3421, 0.3371

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9290, 0.3229, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2147, 0.3421, 0.3371 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(222, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 186)  
}
```

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(222, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 186) }
```

Border

The CSS property to change the border of an element to Yxy 57.2147, 0.3421, 0.3371 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(222, 193, 186) }
```

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

```
.border{ border-color:rgb(222, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 193, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 193, 186); box-shadow:4px 4px 4px 4px rgb(222, 193, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2147, 0.3421, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 186) }
```

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

```
.background{ background-color: rgb(222,  
193, 186) }
```

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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