

Converting Colors

Yxy(58.3072, 0.3285, 0.3422)

Have a look what the booklet for
Yxy(58.3072, 0.3285, 0.3422)
contains.

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Color

Yxy(58.4947, 0.3287, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	D1C8BC
RGB	209, 200, 188
RGB Percent	82%, 78%, 74%
CMY	0.1805, 0.2156, 0.2627
CMYK	0.00, 0.04, 0.10, 0.18
HSL	34°, 19%, 78%
HSV	34°, 10%, 82%
XYZ	56.0233, 58.4947, 55.9211
YIQ	201.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

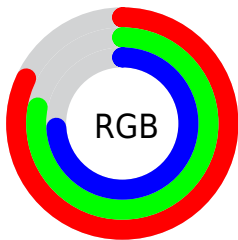
Format	Color
RYB	204, 209, 188
Decimal	13748412
CIELab	81.01, 1.06, 7.10
CIELCh	81, 7.178, 81.468
Yxy	58.4947, 0.3287, 0.3432
Android (android.graphics.Color)	4291938492 (0xFFD1C8BC)
YUV	201.3230, -6.5682, 6.7327
Hunter-Lab	76.4818, -3.0910, 10.1863

Details

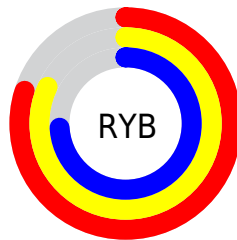
The Yxy color $58.4947, 0.3287, 0.3432$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.2225, 0.2972, 0.3144$, and the grayscale version is $58.6573, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3117, 0.3191, 0.3396$, and $29.2756, 0.3332, 0.3463$ is the 20% darker color. If you saturate the color by 10%, you get $53.6375, 0.3466, 0.3581$, and if you desaturate by 10%, it is $63.7299, 0.3128, 0.3290$.

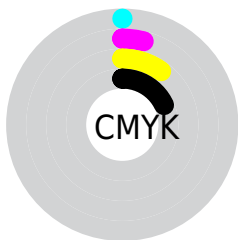
Distribution



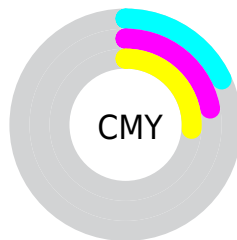
- Red (82%)
- Green (78%)
- Blue (74%)



- Red (80%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4947, 0.3287, 0.3432 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 58.4947, 0.3287, 0.3432 by changing the saturation by 10% instead.


 58.4947, 0.3287,
0.3432

 58.4947, 0.3287,
0.3432


419.0268, 0.3210,
0.3364

 42.2065, 0.3305,
0.3448

 102.6429, 0.3260,
0.3408

 29.2630, 0.3329,
0.3469


131.2717, 0.3249,
0.3399

 19.2799, 0.3359,
0.3495


164.7828, 0.3240,
0.3391

 11.8727, 0.3399,
0.3531

203.5606, 0.3233,
0.3384

 6.6570, 0.3457,
0.3581

247.9895, 0.3226,
0.3378

 3.2486, 0.3547,
0.3658

298.4539, 0.3220,

 1.2628, 0.3707,

0.3373

355.3382, 0.3215,
0.3368

0.3795

0.1122, 0.5418,
0.4582

0.0000, 0.0000,
0.0000

58.4947, 0.3287,
0.3432

58.4947, 0.3287,
0.3432

53.6375, 0.3466,
0.3581

63.7299, 0.3128,
0.3290

49.1410, 0.3666,
0.3734

69.3447, 0.2987,
0.3158

44.9974, 0.3885,
0.3885

75.3504, 0.2863,
0.3035

41.1961, 0.4120,
0.4028

80.6395, 0.2844,
0.3088

■ 37.7254, 0.4363,
0.4153

■ 85.9130, 0.2849,
0.3182

■ 34.5728, 0.4607,
0.4246

■ 91.4480, 0.2854,
0.3276

■ 31.7246, 0.4836,
0.4297

■ 92.2930, 0.2855,
0.3289

■ 29.1652, 0.5038,
0.4296

■ 26.8775, 0.5207,
0.4247

Harmonies

Analogous

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



58.4947, 0.3311, 0.3374



58.4947, 0.3287, 0.3432



58.4947, 0.3220, 0.3453

Triad

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



58.4947, 0.3287, 0.3432



58.4947, 0.2973, 0.3282



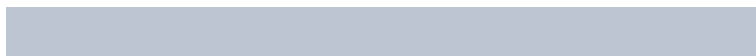
58.4947, 0.3123, 0.3157

Complementary

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



58.4947, 0.3287, 0.3432



55.2225, 0.2972, 0.3144

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.



58.4947, 0.3033, 0.3132



58.4947, 0.3287, 0.3432



58.4947, 0.2947, 0.3203

Square

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



58.4947, 0.3287, 0.3432



58.4947, 0.3039, 0.3366



58.4947, 0.2969, 0.3148



58.4947, 0.3215, 0.3216

Rectangle

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



58.4947, 0.3287, 0.3432



58.4947, 0.3161, 0.3442



58.4947, 0.2969, 0.3148



58.4947, 0.3091, 0.3144

Sweetspot

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



58.4973, 0.3287, 0.3432



97.4459, 0.3173, 0.3332



53.5606, 0.3231, 0.3183



20.7133, 0.3186, 0.3343



0.0000, 0.0000, 0.0000



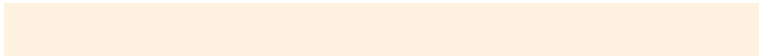
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4973, 0.3287, 0.3432



90.1110, 0.3323, 0.3463



62.5746, 0.3265, 0.3536



12.9148, 0.3276, 0.3423



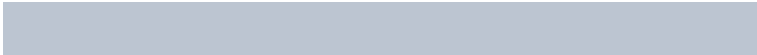
16.7738, 0.5189, 0.4262



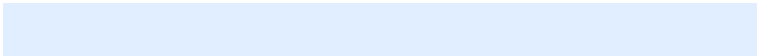
1.0937, 0.4958, 0.4446

Inverse Universe

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



55.2225, 0.2972, 0.3144



83.9870, 0.2939, 0.3111



51.4459, 0.2982, 0.3033



12.2377, 0.2982, 0.3153



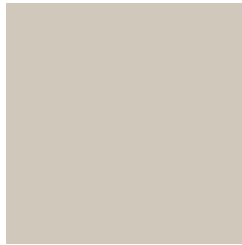
7.4763, 0.1711, 0.1359



0.5740, 0.1811, 0.1720

Previews

White Background



This preview shows how the Yxy color 58.4947, 0.3287, 0.3432 looks on a white background.

Color Contrast Check

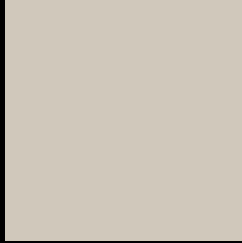
Large Text (above 18pt) WCAG AA × Fail

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 58.4947, 0.3287, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

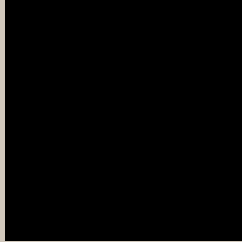
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

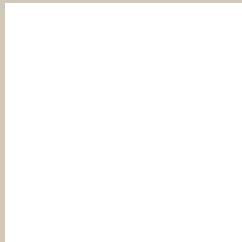
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4947, 0.3287, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 58.4947, 0.3287, 0.3432.

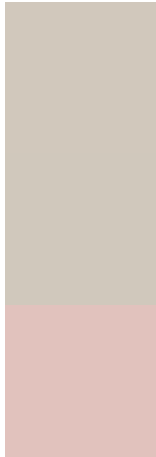


This preview shows how white text looks on a background with the Yxy color 58.4947, 0.3287, 0.3432.

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

58.4947, 0.3287, 0.3432

Protanopia

58.3493, 0.3279, 0.3432

Deuteranopia

58.2652, 0.3420, 0.3348



Tritanopia

58.2304, 0.3136, 0.3107

Trichromacy



Original Color

58.4947, 0.3287, 0.3432

Protanomaly

58.3493, 0.3279, 0.3432

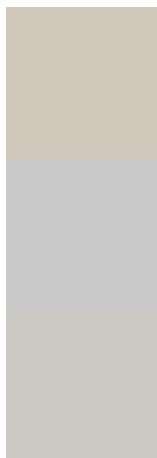
Deuteranomaly

58.2140, 0.3367, 0.3371

Tritanomaly

58.0932, 0.3194, 0.3221

Monochromacy



Original Color

58.4947, 0.3287, 0.3432

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5962, 0.3187, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4947, 0.3287, 0.3432 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(209, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 58.4947, 0.3287, 0.3432 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(209, 200, 188) }
```

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

```
.border{ border-color:rgb(209, 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(209, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 200,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4947, 0.3287, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 200, 188) }
```

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

```
.background{ background-color: rgb(209,  
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](#).

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