

Converting Colors

$Yxy(58.3556, 0.3291, 0.3407)$

Have a look what the booklet for
Yxy(58.3556, 0.3291, 0.3407)
contains.

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Color

Yxy(58.2226, 0.3289, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	D2C7BD
RGB	210, 199, 189
RGB Percent	82%, 78%, 74%
CMY	0.1764, 0.2196, 0.2588
CMYK	0.00, 0.05, 0.10, 0.18
HSL	29°, 19%, 78%
HSV	29°, 10%, 82%
XYZ	56.1896, 58.2226, 56.4288
YIQ	201.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

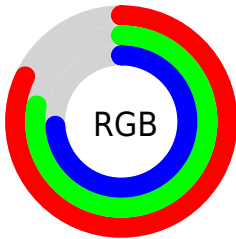
Format	Color
R _Y B	210, 208, 189
Decimal	13813693
CIE Lab	80.86, 2.13, 6.36
CIE LCh	81, 6.703, 71.483
Yxy	58.2226, 0.3289, 0.3408
Android (android.graphics.Color)	4292003773 (0xFFD2C7BD)
YUV	201.1490, -5.9895, 7.7623
Hunter-Lab	76.3037, -2.0853, 9.5660

Details

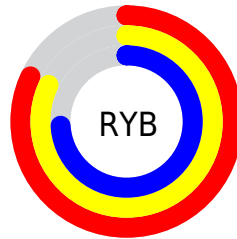
The Yxy color **58.2226, 0.3289, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7925, 0.2973, 0.3169**, and the grayscale version is **58.5415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **28.9969, 0.3324, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **52.4933, 0.3475, 0.3533**, and if you desaturate by 10%, it is **64.4557, 0.3127, 0.3290**.

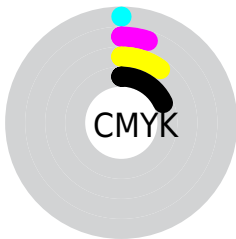
Distribution



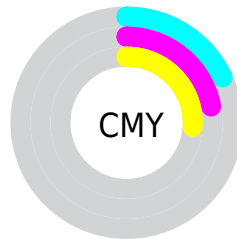
- Red (82%)
- Green (78%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (18%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2226, 0.3289, 0.3408 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 58.2226, 0.3289, 0.3408 by changing the saturation by 10% instead.


 58.2226, 0.3289,
0.3408

 58.2226, 0.3289,
0.3408


418.0149, 0.3211,
0.3352

 41.9876, 0.3308,
0.3421

 102.2469, 0.3261,
0.3388

 29.0916, 0.3331,
0.3438


130.8051, 0.3251,
0.3380

 19.1501, 0.3362,
0.3460


164.2398, 0.3242,
0.3374

 11.7788, 0.3404,
0.3489

202.9354, 0.3234,
0.3368

 6.5932, 0.3463,
0.3531

247.2763, 0.3227,
0.3363

 3.2091, 0.3554,
0.3593

297.6469, 0.3221,

 1.2418, 0.3717,

0.3359

0.3703

354.4317, 0.3216,
0.3355

0.0955, 0.5992,
0.4008

0.0000, 0.0000,
0.0000

58.2226, 0.3289,
0.3408

58.2226, 0.3289,
0.3408

52.4933, 0.3475,
0.3533

64.4557, 0.3127,
0.3290

47.2467, 0.3686,
0.3662

71.1977, 0.2987,
0.3180

42.4714, 0.3924,
0.3790

78.4634, 0.2865,
0.3078

38.1527, 0.4186,
0.3910

85.0492, 0.2854,
0.3165

■ 34.2747, 0.4466,
0.4013

■ 91.8396, 0.2860,
0.3279

■ 30.8206, 0.4753,
0.4085

■ 92.4427, 0.2860,
0.3289

■ 27.7720, 0.5031,
0.4115

■ 25.1085, 0.5280,
0.4093

■ 22.7999, 0.5491,
0.4022

Harmonies

Analogous

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



58.2226, 0.3296, 0.3345



58.2226, 0.3289, 0.3408



58.2226, 0.3239, 0.3440

Triad

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



58.2226, 0.3289, 0.3408



58.2226, 0.3000, 0.3310



58.2226, 0.3094, 0.3153

Complementary

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



58.2226, 0.3289, 0.3408



56.7925, 0.2973, 0.3169

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.



58.2226, 0.3016, 0.3143



58.2226, 0.3289, 0.3408



58.2226, 0.2962, 0.3231

Square

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



58.2226, 0.3289, 0.3408



58.2226, 0.3071, 0.3384



58.2226, 0.2968, 0.3171



58.2226, 0.3182, 0.3199

Rectangle

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



58.2226, 0.3289, 0.3408



58.2226, 0.3187, 0.3439



58.2226, 0.2968, 0.3171



58.2226, 0.3066, 0.3146

Sweetspot

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



58.2252, 0.3289, 0.3408



96.9847, 0.3174, 0.3325



54.2846, 0.3214, 0.3159



20.5889, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



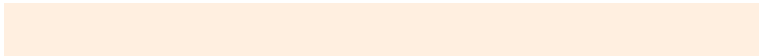
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2252, 0.3289, 0.3408



88.3715, 0.3327, 0.3434



63.1294, 0.3276, 0.3526



12.7226, 0.3279, 0.3401



14.1046, 0.5468, 0.4041



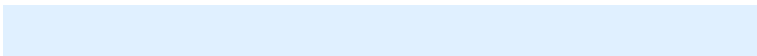
0.9470, 0.5174, 0.4274

Inverse Universe

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



56.7925, 0.2973, 0.3169



85.7125, 0.2940, 0.3141



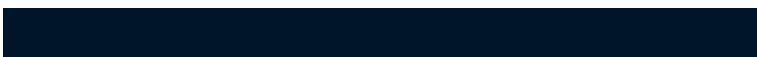
52.1780, 0.2972, 0.3042



12.4287, 0.2983, 0.3177



9.8565, 0.1798, 0.1671



0.7095, 0.1887, 0.1991

Previews

White Background



This preview shows how the Yxy color 58.2226, 0.3289, 0.3408 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 58.2226, 0.3289, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

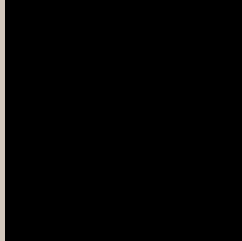
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

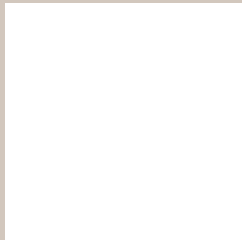
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2226, 0.3289, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 58.2226, 0.3289, 0.3408.

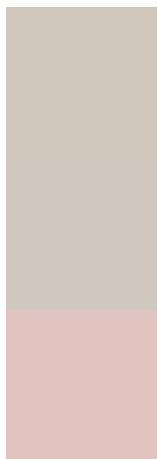


This preview shows how white text looks on a background with the Yxy color 58.2226, 0.3289, 0.3408.

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

58.2226, 0.3289, 0.3408

Protanopia

58.2917, 0.3256, 0.3409

Deuteranopia

58.1486, 0.3404, 0.3336



Tritanopia

58.3291, 0.3151, 0.3118

Trichromacy



Original Color

58.2226, 0.3289, 0.3408

Protanomaly

58.4362, 0.3264, 0.3409

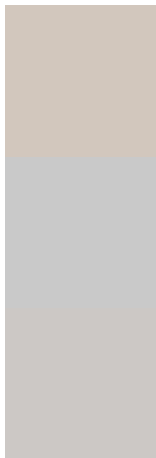
Deuteranomaly

58.2576, 0.3359, 0.3360

Tritanomaly

58.2414, 0.3202, 0.3221

Monochromacy



Original Color

58.2226, 0.3289, 0.3408

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1771, 0.3180, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2226, 0.3289, 0.3408 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(210, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 189)  
}
```

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(210, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.2226, 0.3289, 0.3408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

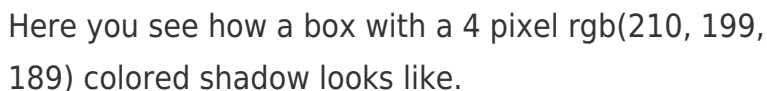
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 199, 189) }
```

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

```
.border{ border-color:rgb(210, 199, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 199, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 199, 189); box-shadow:4px 4px 4px 4px rgb(210, 199, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2226, 0.3289, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 189) }
```

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

```
.background{ background-color: rgb(210,  
199, 189) }
```

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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