

Converting Colors

Yxy(58.4945, 0.3233, 0.3429)

Have a look what the booklet for
Yxy(58.4945, 0.3233, 0.3429)
contains.

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Color

Yxy(58.3284, 0.3231, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9BE
RGB	204, 201, 190
RGB Percent	80%, 79%, 75%
CMY	0.1999, 0.2118, 0.2548
CMYK	0.00, 0.01, 0.07, 0.20
HSL	47°, 12%, 77%
HSV	47°, 7%, 80%
XYZ	55.0889, 58.3284, 57.0837
YIQ	200.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

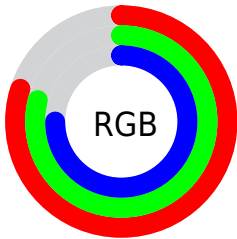
Format	Color
RYB	194, 204, 190
Decimal	13420990
CIELab	80.92, -0.88, 5.84
CIElCh	81, 5.904, 98.595
Yxy	58.3284, 0.3231, 0.3421
Android (android.graphics.Color)	4291611070 (0xFFCCC9BE)
YUV	200.6430, -5.2470, 2.9441
Hunter-Lab	76.3730, -4.8984, 9.1458

Details

The Yxy color **58.3284, 0.3231, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4727, 0.3023, 0.3156**, and the grayscale version is **58.2106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **29.1576, 0.3257, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **55.4742, 0.3392, 0.3619**, and if you desaturate by 10%, it is **61.3715, 0.3082, 0.3232**.

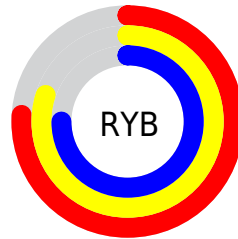
Distribution



Red (80%)

Green (79%)

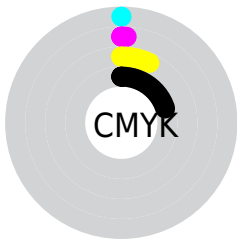
Blue (75%)



Red (76%)

Yellow (80%)

Blue (75%)

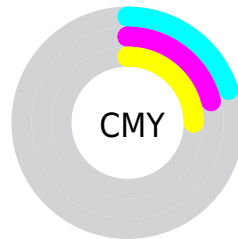


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3284, 0.3231, 0.3421 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 58.3284, 0.3231, 0.3421 by changing the saturation by 10% instead.

■ 58.3284, 0.3231,
0.3421

■ 58.3284, 0.3231,
0.3421

418.4085, 0.3181,
0.3358

■ 42.0727, 0.3243,
0.3436

■ 102.4009, 0.3213,
0.3399

■ 29.1582, 0.3258,
0.3455

130.9866, 0.3207,
0.3390

■ 19.2006, 0.3277,
0.3480

164.4510, 0.3201,
0.3383

■ 11.8153, 0.3304,
0.3514

203.1786, 0.3196,
0.3376

■ 6.6180, 0.3341,
0.3561

247.5537, 0.3191,
0.3371

■ 3.2244, 0.3398,
0.3635

297.9608, 0.3188,

■ 1.2500, 0.3498,

0.3366

0.3766

354.7843, 0.3184,
0.3362

0.1020, 0.4250,
0.5750

0.0000, 0.0000,
0.0000

58.3284, 0.3231,
0.3421

58.3284, 0.3231,
0.3421

55.4742, 0.3392,
0.3619

61.3715, 0.3082,
0.3232

52.7958, 0.3564,
0.3821

64.6014, 0.2945,
0.3053

50.2895, 0.3743,
0.4022

68.0255, 0.2821,
0.2888

47.9491, 0.3923,
0.4213

70.5306, 0.2802,
0.2898

45.7674, 0.4099,
0.4385

72.8563, 0.2805,
0.2947

43.7368, 0.4263,
0.4528

75.2433, 0.2808,
0.2995

41.8487, 0.4407,
0.4631

77.6921, 0.2811,
0.3043

40.0930, 0.4525,
0.4689

80.2031, 0.2815,
0.3091

38.4567, 0.4613,
0.4700

82.7768, 0.2818,
0.3138

Harmonies

Analogous

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



58.3284, 0.3272, 0.3390



58.3284, 0.3231, 0.3421



58.3284, 0.3162, 0.3417

Triad

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



58.3284, 0.3231, 0.3421



58.3284, 0.2983, 0.3245



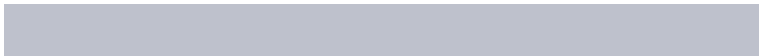
58.3284, 0.3168, 0.3205

Complementary

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



58.3284, 0.3231, 0.3421



53.4727, 0.3023, 0.3156

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.



58.3284, 0.3091, 0.3167



58.3284, 0.3231, 0.3421



58.3284, 0.2984, 0.3189

Square

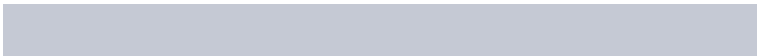
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3284, 0.3231, 0.3421



58.3284, 0.3020, 0.3314



58.3284, 0.3024, 0.3161



58.3284, 0.3235, 0.3265

Rectangle

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



58.3284, 0.3231, 0.3421



58.3284, 0.3111, 0.3394



58.3284, 0.3024, 0.3161



58.3284, 0.3142, 0.3189

Sweetspot

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



58.3309, 0.3231, 0.3421



98.9748, 0.3157, 0.3328



53.5309, 0.3219, 0.3254



21.1955, 0.3156, 0.3326



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.



58.3309, 0.3231, 0.3421



95.9749, 0.3250, 0.3445



59.2015, 0.3197, 0.3458



12.6693, 0.3271, 0.3471



24.0282, 0.4631, 0.4705



1.3446, 0.4529, 0.4786

Inverse Universe

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



53.4727, 0.3023, 0.3156



86.5518, 0.3003, 0.3130



52.6665, 0.3054, 0.3120



11.2304, 0.2982, 0.3103



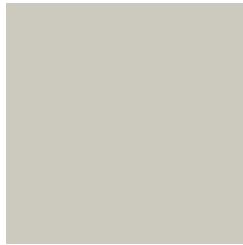
3.9945, 0.1566, 0.0835



0.3210, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 58.3284, 0.3231, 0.3421 looks on a white background.

Color Contrast Check

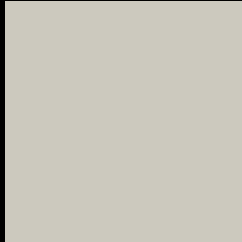
Large Text (above 18pt) WCAG AA × Fail

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 58.3284, 0.3231, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

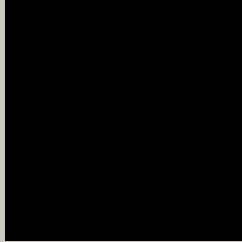
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

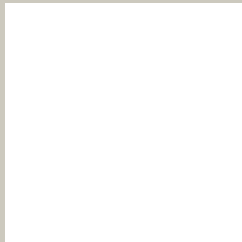
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3284, 0.3231, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 58.3284, 0.3231, 0.3421.



This preview shows how white text looks on a background with the Yxy color 58.3284, 0.3231, 0.3421.

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

58.3284, 0.3231, 0.3421

Protanopia

58.2917, 0.3256, 0.3409

Deuteranopia

58.1925, 0.3396, 0.3325



Tritanopia

58.4577, 0.3089, 0.3116

Trichromacy



Original Color

58.3284, 0.3231, 0.3421

Protanomaly

58.1481, 0.3248, 0.3409

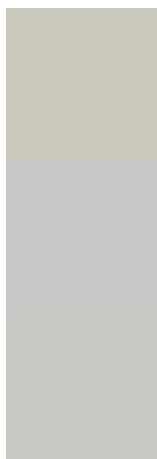
Deuteranomaly

58.4458, 0.3334, 0.3360

Tritanomaly

58.3764, 0.3138, 0.3220

Monochromacy



Original Color

58.3284, 0.3231, 0.3421

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3611, 0.3164, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3284, 0.3231, 0.3421 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(204, 201, 190) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 190)  
}
```

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(204, 201, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.3284, 0.3231, 0.3421 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(204, 201, 190) }
```

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

```
.border{ border-color:rgb(204, 201, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3284, 0.3231, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 190) }
```

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

```
.background{ background-color: rgb(204,  
201, 190) }
```

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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