

Converting Colors

$Yxy(59.3707, 0.3269, 0.3535)$

Have a look what the booklet for
Yxy(59.3707, 0.3269, 0.3535)
contains.

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Color

Yxy(59.3429, 0.3264, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCB8
RGB	203, 204, 184
RGB Percent	80%, 80%, 72%
CMY	0.2039, 0.2000, 0.2785
CMYK	0.00, 0.00, 0.10, 0.20
HSL	63°, 16%, 76%
HSV	63°, 10%, 80%
XYZ	54.8712, 59.3429, 53.8961
YIQ	201.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

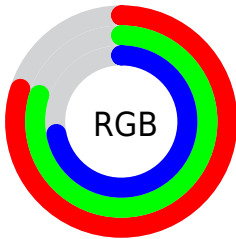
Format	Color
RYB	184, 204, 185
Decimal	13356216
CIELab	81.48, -3.84, 9.86
CIELCh	81, 10.582, 111.280
Yxy	59.3429, 0.3264, 0.3530
Android (android.graphics.Color)	4291546296 (0xFFCBCCB8)
YUV	201.4210, -8.5886, 1.3848
Hunter-Lab	77.0343, -7.6655, 12.4425

Details

The Yxy color **59.3429, 0.3264, 0.3530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9435, 0.2983, 0.3039**, and the grayscale version is **58.7356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **29.8409, 0.3300, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **58.4075, 0.3406, 0.3782**, and if you desaturate by 10%, it is **60.4079, 0.3125, 0.3286**.

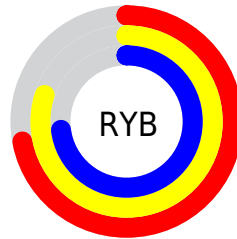
Distribution



Red (80%)

Green (80%)

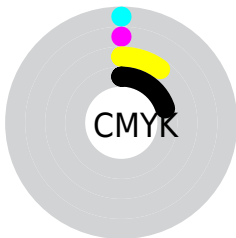
Blue (72%)



Red (72%)

Yellow (80%)

Blue (73%)

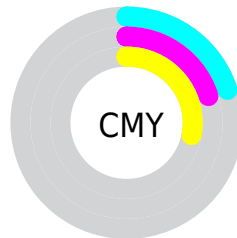


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3429, 0.3264, 0.3530 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 59.3429, 0.3264, 0.3530 by changing the saturation by 10% instead.


 59.3429, 0.3264,
0.3530

 59.3429, 0.3264,
0.3530


422.1715, 0.3199,
0.3414

 42.8892, 0.3279,
0.3558


 103.8759, 0.3241,
0.3489

 29.7982, 0.3299,
0.3593


132.7239, 0.3232,
0.3473

 19.6855, 0.3323,
0.3639


166.4723, 0.3225,
0.3459

 12.1666, 0.3357,
0.3701

205.5052, 0.3218,
0.3448

 6.8573, 0.3403,
0.3790

250.2072, 0.3212,
0.3438

 3.3730, 0.3472,
0.3926

300.9627, 0.3207,

 1.3294, 0.3613,

0.3429

0.4196

358.1560, 0.3203,
0.3421

0.1638, 0.2744,
0.7256

0.0000, 0.0000,
0.0000

59.3429, 0.3264,
0.3530

59.3429, 0.3264,
0.3530

58.4075, 0.3406,
0.3782

60.4079, 0.3125,
0.3286

57.5885, 0.3548,
0.4035

61.5995, 0.2991,
0.3054

56.8830, 0.3684,
0.4280

62.9251, 0.2866,
0.2837

56.2848, 0.3808,
0.4508

63.6887, 0.2813,
0.2739

■ 55.7872, 0.3915,
0.4709

■ 63.8369, 0.2819,
0.2740

■ 55.3829, 0.4000,
0.4875

■ 63.9860, 0.2826,
0.2741

■ 55.0634, 0.4059,
0.4998

■ 64.1360, 0.2833,
0.2742

■ 54.8186, 0.4093,
0.5078

■ 64.2870, 0.2840,
0.2743

■ 54.6303, 0.4105,
0.5122

■ 64.4390, 0.2847,
0.2744

Harmonies

Analogous

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



59.3429, 0.3362, 0.3497



59.3429, 0.3264, 0.3530



59.3429, 0.3130, 0.3496

Triad

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



59.3429, 0.3264, 0.3530



59.3429, 0.2865, 0.3161



59.3429, 0.3255, 0.3181

Complementary

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



59.3429, 0.3264, 0.3530



48.9435, 0.2983, 0.3039

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.



59.3429, 0.3119, 0.3096



59.3429, 0.3264, 0.3530



59.3429, 0.2896, 0.3082

Square

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



59.3429, 0.3264, 0.3530



59.3429, 0.2902, 0.3278



59.3429, 0.2988, 0.3059



59.3429, 0.3358, 0.3295

Rectangle

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



59.3429, 0.3264, 0.3530



59.3429, 0.3040, 0.3439



59.3429, 0.2988, 0.3059



59.3429, 0.3212, 0.3148

Sweetspot

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



59.3455, 0.3264, 0.3530



99.4442, 0.3169, 0.3363



50.9870, 0.3297, 0.3303



21.2541, 0.3180, 0.3383



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.



59.3455, 0.3264, 0.3530



97.8933, 0.3297, 0.3588



57.9850, 0.3185, 0.3536



13.0669, 0.3258, 0.3520



34.3927, 0.4107, 0.5121



1.7833, 0.4125, 0.5107

Inverse Universe

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



48.9435, 0.2983, 0.3039



76.9051, 0.2946, 0.2975



50.2326, 0.3064, 0.3046



10.8704, 0.2990, 0.3051



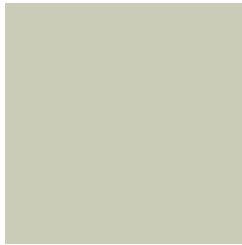
2.7977, 0.1518, 0.0610



0.1540, 0.1577, 0.0642

Previews

White Background



This preview shows how the Yxy color 59.3429, 0.3264, 0.3530 looks on a white background.

Color Contrast Check

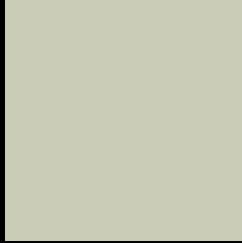
Large Text (above 18pt) WCAG AA × Fail

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 59.3429, 0.3264, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

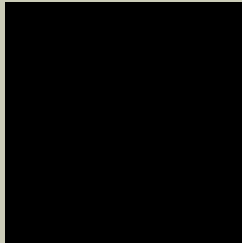
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

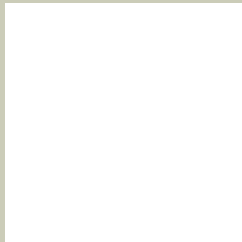
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3429, 0.3264, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 59.3429, 0.3264, 0.3530.



This preview shows how white text looks on a background with the Yxy color 59.3429, 0.3264, 0.3530.

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

59.3429, 0.3264, 0.3530

Protanopia

59.5088, 0.3338, 0.3514

Deuteranopia

59.0694, 0.3467, 0.3393



Tritanopia

59.1630, 0.3082, 0.3106

Trichromacy



Original Color

59.3429, 0.3264, 0.3530

Protanomaly

59.5407, 0.3313, 0.3527

Deuteranomaly

58.9510, 0.3395, 0.3441

Tritanomaly

59.2547, 0.3144, 0.3255

Monochromacy



Original Color

59.3429, 0.3264, 0.3530

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7377, 0.3178, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3429, 0.3264, 0.3530 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(203, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 184)  
}
```

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(203, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 184) }
```

Border

The CSS property to change the border of an element to Yxy 59.3429, 0.3264, 0.3530 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(203, 204, 184) }
```

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

```
.border{ border-color:rgb(203, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3429, 0.3264, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 184) }
```

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

```
.background{ background-color: rgb(203,  
204, 184) }
```

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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