

Converting Colors

Yxy(58.3936, 0.3207, 0.3419)

Have a look what the booklet for
Yxy(58.3936, 0.3207, 0.3419)
contains.

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Color

Yxy(58.5592, 0.3207, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	CACABF
RGB	202, 202, 191
RGB Percent	79%, 79%, 75%
CMY	0.2078, 0.2078, 0.2511
CMYK	0.00, 0.00, 0.05, 0.21
HSL	60°, 9%, 77%
HSV	60°, 5%, 79%
XYZ	54.8800, 58.5592, 57.6865
YIQ	200.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

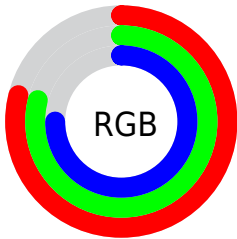
Format	Color
RYB	191, 202, 191
Decimal	13290175
CIELab	81.05, -1.96, 5.49
CIELCh	81, 5.831, 109.642
Yxy	58.5592, 0.3207, 0.3422
Android (android.graphics.Color)	4291480255 (0xFFCACABF)
YUV	200.7460, -4.8048, 1.0998
Hunter-Lab	76.5240, -5.9038, 8.8719

Details

The Yxy color **58.5592, 0.3207, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5897, 0.3045, 0.3154**, and the grayscale version is **58.2726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **29.3107, 0.3224, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **57.7323, 0.3357, 0.3670**, and if you desaturate by 10%, it is **59.5139, 0.3062, 0.3183**.

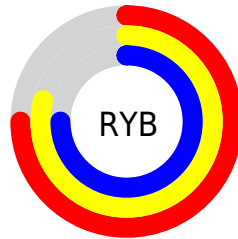
Distribution



Red (79%)

Green (79%)

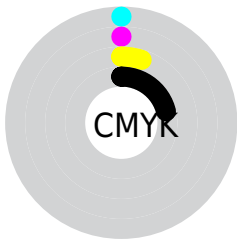
Blue (75%)



Red (75%)

Yellow (79%)

Blue (75%)

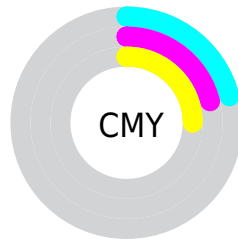


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5592, 0.3207, 0.3422 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 58.5592, 0.3207, 0.3422 by changing the saturation by 10% instead.

■ 58.5592, 0.3207,
0.3422

■ 58.5592, 0.3207,
0.3422

419.2664, 0.3169,
0.3358

■ 42.2584, 0.3216,
0.3437

■ 102.7367, 0.3193,
0.3399

■ 29.3037, 0.3228,
0.3457

131.3822, 0.3188,
0.3391

■ 19.3107, 0.3242,
0.3482

164.9114, 0.3184,
0.3383

■ 11.8950, 0.3262,
0.3516

203.7087, 0.3180,
0.3377

■ 6.6722, 0.3291,
0.3564

248.1584, 0.3177,
0.3371

■ 3.2580, 0.3334,
0.3640

298.6450, 0.3174,

■ 1.2678, 0.3408,

0.3366

0.3772

355.5529, 0.3171,
0.3362

0.1161, 0.3499,
0.6501

0.0000, 0.0000,
0.0000

58.5592, 0.3207,
0.3422

58.5592, 0.3207,
0.3422

57.7323, 0.3357,
0.3670

59.5139, 0.3062,
0.3183

57.0205, 0.3508,
0.3920


60.5934, 0.2925,
0.2956

56.4210, 0.3656,
0.4164

61.8047, 0.2798,
0.2745

55.9282, 0.3795,
0.4394


62.0238, 0.2777,
0.2711


 55.5357, 0.3919,
0.4599

 62.0244, 0.2777,
0.2711

 55.2367, 0.4023,
0.4771


 62.0250, 0.2777,
0.2711

 55.0233, 0.4102,
0.4903

 62.0257, 0.2777,
0.2711

 54.8866, 0.4156,
0.4992

 62.0263, 0.2777,
0.2711

 54.8155, 0.4185,
0.5039

 62.0270, 0.2777,
0.2711

Harmonies

Analogous

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



58.5592, 0.3259, 0.3403



58.5592, 0.3207, 0.3422



58.5592, 0.3134, 0.3405

Triad

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



58.5592, 0.3207, 0.3422



58.5592, 0.2981, 0.3223



58.5592, 0.3194, 0.3226

Complementary

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



58.5592, 0.3207, 0.3422



52.5897, 0.3045, 0.3154

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.



58.5592, 0.3119, 0.3179



58.5592, 0.3207, 0.3422



58.5592, 0.2997, 0.3177

Square

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



58.5592, 0.3207, 0.3422



58.5592, 0.3004, 0.3288



58.5592, 0.3047, 0.3161



58.5592, 0.3252, 0.3290

Rectangle

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



58.5592, 0.3207, 0.3422



58.5592, 0.3083, 0.3375



58.5592, 0.3047, 0.3161



58.5592, 0.3170, 0.3208

Sweetspot

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



58.5617, 0.3207, 0.3422



99.6756, 0.3157, 0.3339



53.5694, 0.3218, 0.3290



21.3381, 0.3155, 0.3336



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.



58.5617, 0.3207, 0.3422



98.9024, 0.3231, 0.3462



57.8064, 0.3164, 0.3424



13.1327, 0.3238, 0.3473



35.2575, 0.4193, 0.5053



1.8189, 0.4193, 0.5053

Inverse Universe

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



52.5897, 0.3045, 0.3154



85.9063, 0.3019, 0.3112



53.3178, 0.3089, 0.3156



11.3076, 0.3013, 0.3101



2.7443, 0.1500, 0.0600



0.1416, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 58.5592, 0.3207, 0.3422 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 58.5592, 0.3207, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

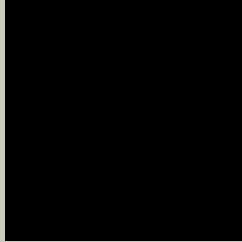
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

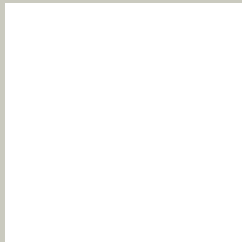
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5592, 0.3207, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 58.5592, 0.3207, 0.3422.



This preview shows how white text looks on a background with the Yxy color 58.5592, 0.3207, 0.3422.

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

58.5592, 0.3207, 0.3422

Protanopia

58.2917, 0.3256, 0.3409

Deuteranopia

58.2366, 0.3388, 0.3314



Tritanopia

58.6810, 0.3066, 0.3116

Trichromacy



Original Color

58.5592, 0.3207, 0.3422

Protanomaly

58.4701, 0.3239, 0.3421

Deuteranomaly

58.3372, 0.3318, 0.3348

Tritanomaly

58.6022, 0.3115, 0.3220

Monochromacy



Original Color

58.5592, 0.3207, 0.3422

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2220, 0.3156, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5592, 0.3207, 0.3422 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(202, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 191)  
}
```

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(202, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 191) }
```

Border

The CSS property to change the border of an element to Yxy 58.5592, 0.3207, 0.3422 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(202, 202, 191) }
```

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

```
.border{ border-color:rgb(202, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5592, 0.3207, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 191) }
```

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

```
.background{ background-color: rgb(202,  
202, 191) }
```

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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