

Converting Colors

Yxy(58.4710, 0.3157, 0.3242)

Have a look what the booklet for
Yxy(58.4710, 0.3157, 0.3242)
contains.

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Color

Yxy(58.4240, 0.3161, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7CB
RGB	207, 199, 203
RGB Percent	81%, 78%, 80%
CMY	0.1880, 0.2197, 0.2039
CMYK	0.00, 0.04, 0.02, 0.19
HSL	330°, 8%, 80%
HSV	330°, 4%, 81%
XYZ	56.9467, 58.4240, 64.7834
YIQ	201.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

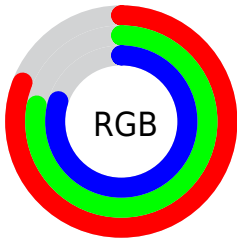
Format	Color
RYP	207, 199, 203
Decimal	13617099
CIELab	80.97, 3.52, -1.02
CIElCh	81, 3.668, 343.881
Yxy	58.4240, 0.3161, 0.3243
Android (android.graphics.Color)	4291807179 (0xFFCFC7CB)
YUV	201.8480, 0.5679, 4.5183
Hunter-Lab	76.4356, -0.7746, 3.2533

Details

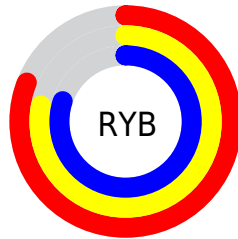
The Yxy color **58.4240, 0.3161, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1042, 0.3095, 0.3337**, and the grayscale version is **58.9634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.1930, 0.3172, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **49.0607, 0.3260, 0.3117**, and if you desaturate by 10%, it is **69.1217, 0.3079, 0.3361**.

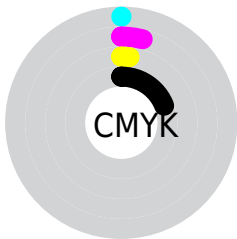
Distribution



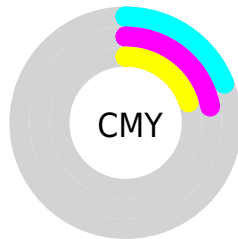
- Red (81%)
- Green (78%)
- Blue (80%)



- Red (81%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4240, 0.3161, 0.3243 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 58.4240, 0.3161, 0.3243 by changing the saturation by 10% instead.

■ 58.4240, 0.3161,
0.3243

■ 58.4240, 0.3161,
0.3243

418.7640, 0.3145,
0.3266

■ 42.1496, 0.3165,
0.3238

102.5400, 0.3155,
0.3251

■ 29.2185, 0.3170,
0.3231

131.1505, 0.3153,
0.3254

■ 19.2461, 0.3176,
0.3222

164.6417, 0.3151,
0.3257

■ 11.8483, 0.3184,
0.3210

203.3982, 0.3150,
0.3259

■ 6.6404, 0.3197,
0.3193

247.8043, 0.3148,
0.3261

■ 3.2383, 0.3215,
0.3168

298.2443, 0.3147,

■ 1.2574, 0.3247,

0.3263

0.3124

355.1028, 0.3146,
0.3264

0.1078, 0.3887,
0.2223

0.0000, 0.0000,
0.0000

58.4240, 0.3161,
0.3243

58.4240, 0.3161,
0.3243

49.0607, 0.3260,
0.3117

69.1217, 0.3079,
0.3361

40.9716, 0.3380,
0.2986

81.1958, 0.3011,
0.3471

34.1031, 0.3522,
0.2852

90.7400, 0.2954,
0.3510

28.3947, 0.3690,
0.2722

91.3539, 0.2899,
0.3399

■ 23.7809, 0.3885,
0.2604

■ 92.0032, 0.2845,
0.3291

■ 20.1896, 0.4104,
0.2508

■ 92.0129, 0.2844,
0.3289

■ 17.5397, 0.4342,
0.2447

■ 15.7379, 0.4590,
0.2432

■ 14.6711, 0.4834,
0.2472

Harmonies

Analogous

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



58.4240, 0.3113, 0.3216



58.4240, 0.3161, 0.3243



58.4240, 0.3200, 0.3282

Triad

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



58.4240, 0.3161, 0.3243



58.4240, 0.3185, 0.3372



58.4240, 0.3036, 0.3255

Complementary

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



58.4240, 0.3161, 0.3243



61.1042, 0.3095, 0.3337

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.



58.4240, 0.3055, 0.3298



58.4240, 0.3161, 0.3243



58.4240, 0.3141, 0.3366

Square

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



58.4240, 0.3161, 0.3243



58.4240, 0.3214, 0.3357



58.4240, 0.3093, 0.3338



58.4240, 0.3041, 0.3223

Rectangle

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



58.4240, 0.3161, 0.3243



58.4240, 0.3216, 0.3310



58.4240, 0.3093, 0.3338



58.4240, 0.3040, 0.3269

Sweetspot

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



58.4265, 0.3161, 0.3243



98.3018, 0.3136, 0.3278



58.0480, 0.3100, 0.3195



21.0585, 0.3135, 0.3279



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.



58.4265, 0.3161, 0.3243



91.7288, 0.3172, 0.3229



58.2370, 0.3191, 0.3290



12.7110, 0.3177, 0.3222



8.9984, 0.4948, 0.2499



0.5192, 0.4544, 0.2277

Inverse Universe

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



58.4265, 0.3161, 0.3243



91.7288, 0.3172, 0.3229



61.2988, 0.3067, 0.3290



12.7110, 0.3177, 0.3222



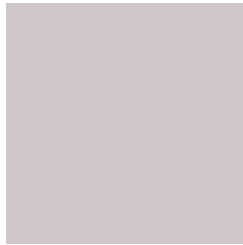
8.9984, 0.4948, 0.2499



0.5192, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 58.4240, 0.3161, 0.3243 looks on a white background.

Color Contrast Check

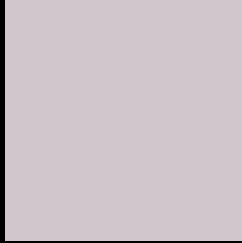
Large Text (above 18pt) WCAG AA × Fail

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 58.4240, 0.3161, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

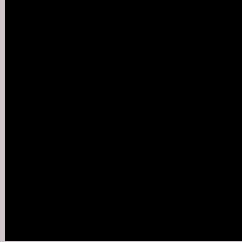
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

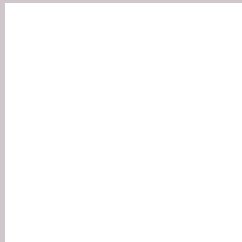
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4240, 0.3161, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 58.4240, 0.3161, 0.3243.

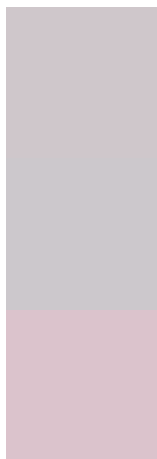


This preview shows how white text looks on a background with the Yxy color 58.4240, 0.3161, 0.3243.

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

58.4240, 0.3161, 0.3243

Protanopia

58.5056, 0.3129, 0.3243

Deuteranopia

58.4499, 0.3252, 0.3188



Tritanopia

58.2919, 0.3105, 0.3106

Trichromacy



Original Color

58.4240, 0.3161, 0.3243

Protanomaly

58.6473, 0.3137, 0.3243

Deuteranomaly

58.2866, 0.3219, 0.3198

Tritanomaly

58.4015, 0.3125, 0.3162

Monochromacy



Original Color

58.4240, 0.3161, 0.3243

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8749, 0.3143, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4240, 0.3161, 0.3243 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(207, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 203)  
}
```

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(207, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 203) }
```

Border

The CSS property to change the border of an element to Yxy 58.4240, 0.3161, 0.3243 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(207, 199, 203) }
```

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

```
.border{ border-color:rgb(207, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4240, 0.3161, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 203) }
```

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

```
.background{ background-color: rgb(207,  
199, 203) }
```

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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