

Converting Colors

$Yxy(60.7409, 0.3160, 0.3397)$

Have a look what the booklet for
Yxy(60.7409, 0.3160, 0.3397)
contains.

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Color

Yxy(60.7304, 0.3160, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	CACEC5
RGB	202, 206, 197
RGB Percent	79%, 81%, 77%
CMY	0.2078, 0.1922, 0.2273
CMYK	0.02, 0.00, 0.04, 0.19
HSL	87°, 8%, 79%
HSV	87°, 4%, 81%
XYZ	56.5100, 60.7304, 61.5888
YIQ	203.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

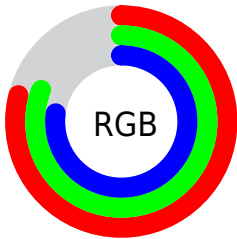
Format	Color
RYB	197, 206, 201
Decimal	13291205
CIELab	82.23, -2.99, 3.97
CIELCh	82, 4.963, 126.978
Yxy	60.7304, 0.3160, 0.3396
Android (android.graphics.Color)	4291481285 (0xFFCACEC5)
YUV	203.7780, -3.3416, -1.5593
Hunter-Lab	77.9297, -6.9393, 7.6932

Details

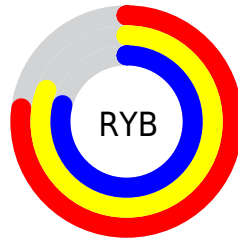
The Yxy color **60.7304, 0.3160, 0.3396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8284, 0.3093, 0.3184**, and the grayscale version is **60.2602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **30.7355, 0.3171, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **58.6079, 0.3236, 0.3654**, and if you desaturate by 10%, it is **63.0635, 0.3085, 0.3158**.

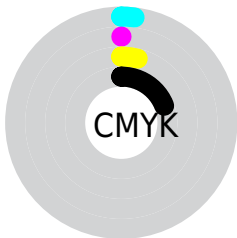
Distribution



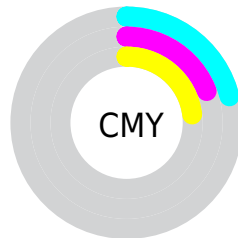
- Red (79%)
- Green (81%)
- Blue (77%)



- Red (77%)
- Yellow (81%)
- Blue (79%)



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



- Cyan (21%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7304, 0.3160, 0.3396 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 60.7304, 0.3160, 0.3396 by changing the saturation by 10% instead.

■ 60.7304, 0.3160,
0.3396

■ 60.7304, 0.3160,
0.3396

427.2848, 0.3144,
0.3345

■ 44.0076, 0.3164,
0.3408

105.8885, 0.3155,
0.3378

■ 30.6765, 0.3168,
0.3423

135.0926, 0.3152,
0.3371

■ 20.3526, 0.3174,
0.3443

169.2259, 0.3151,
0.3365

■ 12.6516, 0.3182,
0.3470

208.6729, 0.3149,
0.3360

■ 7.1891, 0.3193,
0.3508

253.8178, 0.3148,
0.3356

■ 3.5806, 0.3209,
0.3567

305.0452, 0.3147,

■ 1.4419, 0.3236,

0.3352

0.3668

362.7394, 0.3145,
0.3348

0.2473, 0.3960,
0.6040

0.0000, 0.0000,
0.0000

60.7304, 0.3160,
0.3396

60.7304, 0.3160,
0.3396

58.6079, 0.3236,
0.3654

63.0635, 0.3085,
0.3158

56.6817, 0.3310,
0.3930


65.6056, 0.3013,
0.2942


54.9476, 0.3379,
0.4218

68.1155, 0.2968,
0.2784

53.3980, 0.3439,
0.4511

69.6726, 0.3033,
0.2794

 52.0251, 0.3486,
0.4796


 71.3110, 0.3099,
0.2804

 50.8204, 0.3514,
0.5059

 72.6232, 0.3150,
0.2811

 49.7741, 0.3521,
0.5288

 48.8754, 0.3504,
0.5470

 48.1115, 0.3465,
0.5598

Harmonies

Analogous

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



60.7304, 0.3216, 0.3398



60.7304, 0.3160, 0.3396



60.7304, 0.3096, 0.3365

Triad

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



60.7304, 0.3160, 0.3396



60.7304, 0.3008, 0.3208



60.7304, 0.3214, 0.3267

Complementary

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



60.7304, 0.3160, 0.3396



56.8284, 0.3093, 0.3184

Split Complementary

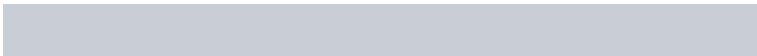
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.7304, 0.3158, 0.3217



60.7304, 0.3160, 0.3396



60.7304, 0.3039, 0.3184

Square

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



60.7304, 0.3160, 0.3396



60.7304, 0.3008, 0.3256



60.7304, 0.3094, 0.3187



60.7304, 0.3248, 0.3323

Rectangle

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



60.7304, 0.3160, 0.3396



60.7304, 0.3057, 0.3332



60.7304, 0.3094, 0.3187



60.7304, 0.3198, 0.3249

Sweetspot

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



60.7330, 0.3160, 0.3396



99.6217, 0.3135, 0.3314



58.8918, 0.3195, 0.3336



21.3271, 0.3134, 0.3313



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.



60.7330, 0.3160, 0.3396



98.1430, 0.3165, 0.3414



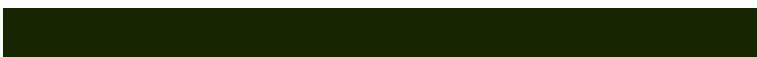
60.1324, 0.3127, 0.3397



13.0129, 0.3170, 0.3428



29.4470, 0.3448, 0.5645



1.5637, 0.3589, 0.5532

Inverse Universe

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



56.8284, 0.3093, 0.3184



90.8183, 0.3087, 0.3166



57.4425, 0.3127, 0.3185



11.9339, 0.3083, 0.3152



4.1976, 0.1931, 0.0837



0.2613, 0.2154, 0.0960

Previews

White Background



This preview shows how the Yxy color 60.7304, 0.3160, 0.3396 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 60.7304, 0.3160, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

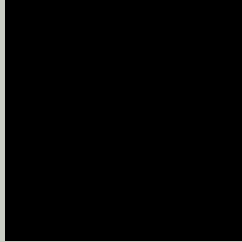
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

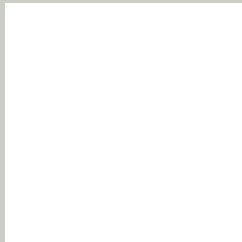
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7304, 0.3160, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 60.7304, 0.3160, 0.3396.



This preview shows how white text looks on a background with the Yxy color 60.7304, 0.3160, 0.3396.

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

60.7304, 0.3160, 0.3396

Protanopia

60.8729, 0.3231, 0.3383

Deuteranopia

60.6804, 0.3344, 0.3279



Tritanopia

60.8055, 0.3030, 0.3106

Trichromacy



Original Color

60.7304, 0.3160, 0.3396

Protanomaly

60.9136, 0.3207, 0.3396

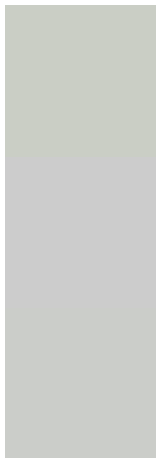
Deuteranomaly

60.6022, 0.3275, 0.3325

Tritanomaly

60.7262, 0.3078, 0.3209

Monochromacy



Original Color

60.7304, 0.3160, 0.3396

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5762, 0.3140, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7304, 0.3160, 0.3396 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, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 197)  
}
```

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, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 197) }
```

Border

The CSS property to change the border of an element to Yxy 60.7304, 0.3160, 0.3396 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, 206, 197) }
```

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

```
.border{ border-color:rgb(202, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7304, 0.3160, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 197) }
```

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

```
.background{ background-color: rgb(202,  
206, 197) }
```

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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