

Converting Colors

$Yxy(60.5383, 0.3221, 0.3512)$

Have a look what the booklet for
Yxy(60.5383, 0.3221, 0.3512)
contains.

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Color

Yxy(60.8130, 0.3224, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	CACFBC
RGB	202, 207, 188
RGB Percent	79%, 81%, 74%
CMY	0.2076, 0.1883, 0.2627
CMYK	0.02, 0.00, 0.09, 0.19
HSL	76°, 16%, 77%
HSV	76°, 9%, 81%
XYZ	55.7625, 60.8130, 56.3852
YIQ	203.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

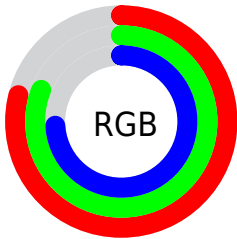
Format	Color
RYB	188, 207, 193
Decimal	13291452
CIELab	82.28, -5.04, 8.84
CIELCh	82, 10.174, 119.692
Yxy	60.8130, 0.3224, 0.3516
Android (android.graphics.Color)	4291481532 (0xFFCACFBC)
YUV	203.3390, -7.5621, -1.1743
Hunter-Lab	77.9827, -8.8309, 11.7184

Details

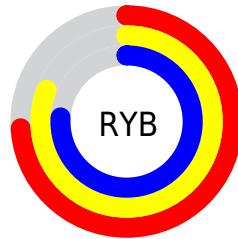
The Yxy color **60.8130, 0.3224, 0.3516** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8064, 0.3025, 0.3059**, and the grayscale version is **60.0002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **30.8276, 0.3246, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **59.2507, 0.3331, 0.3776**, and if you desaturate by 10%, it is **62.5346, 0.3118, 0.3270**.

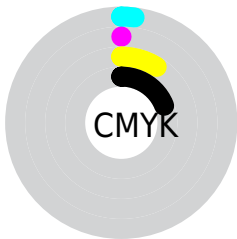
Distribution



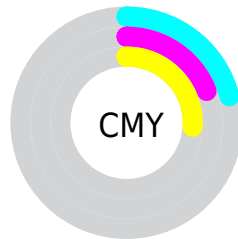
- Red (79%)
- Green (81%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)





- Cyan (21%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8130, 0.3224, 0.3516 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 60.8130, 0.3224, 0.3516 by changing the saturation by 10% instead.


 60.8130, 0.3224,
0.3516

 60.8130, 0.3224,
0.3516


427.5880, 0.3178,
0.3407

 44.0743, 0.3235,
0.3542


 106.0081, 0.3208,
0.3477

 30.7289, 0.3248,
0.3575


135.2333, 0.3202,
0.3462

 20.3925, 0.3265,
0.3618


169.3894, 0.3196,
0.3450

 12.6807, 0.3288,
0.3676

208.8609, 0.3192,
0.3439

 7.2090, 0.3319,
0.3759

254.0321, 0.3188,
0.3429

 3.5932, 0.3365,
0.3886

305.2874, 0.3184,

 1.4487, 0.3443,

0.3421

0.4111

363.0113, 0.3181,
0.3414

0.2522, 0.3163,
0.6837

0.0000, 0.0000,
0.0000

60.8130, 0.3224,
0.3516

60.8130, 0.3224,
0.3516

59.2507, 0.3331,
0.3776

62.5346, 0.3118,
0.3270

57.8340, 0.3436,
0.4045

64.4130, 0.3017,
0.3041

56.5596, 0.3534,
0.4315

66.4558, 0.2920,
0.2831

55.4210, 0.3621,
0.4578

67.6073, 0.2926,
0.2788

■ 54.4109, 0.3691,
0.4820

■ 68.4750, 0.2963,
0.2794

■ 53.5214, 0.3741,
0.5032

■ 69.3699, 0.3001,
0.2799

■ 52.7437, 0.3765,
0.5203

■ 70.2922, 0.3039,
0.2805

■ 52.0671, 0.3764,
0.5326

■ 71.2423, 0.3077,
0.2810

■ 51.4742, 0.3741,
0.5407

■ 72.2203, 0.3115,
0.2816

Harmonies

Analogous

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



60.8130, 0.3330, 0.3503



60.8130, 0.3224, 0.3516



60.8130, 0.3093, 0.3466

Triad

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



60.8130, 0.3224, 0.3516



60.8130, 0.2878, 0.3141



60.8130, 0.3281, 0.3215

Complementary

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



60.8130, 0.3224, 0.3516



51.8064, 0.3025, 0.3059

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.



60.8130, 0.3157, 0.3123



60.8130, 0.3224, 0.3516



60.8130, 0.2926, 0.3080

Square

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



60.8130, 0.3224, 0.3516



60.8130, 0.2896, 0.3246



60.8130, 0.3027, 0.3074



60.8130, 0.3364, 0.3327

Rectangle

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



60.8130, 0.3224, 0.3516



60.8130, 0.3010, 0.3403



60.8130, 0.3027, 0.3074



60.8130, 0.3243, 0.3181

Sweetspot

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



60.8156, 0.3224, 0.3516



99.1432, 0.3159, 0.3363



54.9281, 0.3280, 0.3347



21.1726, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



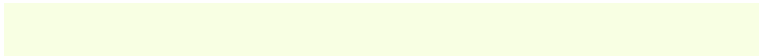
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8156, 0.3224, 0.3516



96.9714, 0.3245, 0.3566



59.5550, 0.3152, 0.3521



13.6371, 0.3227, 0.3522



32.4545, 0.3745, 0.5408



1.8516, 0.3831, 0.5340

Inverse Universe

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



51.8064, 0.3025, 0.3059



79.6596, 0.3001, 0.3006



53.0685, 0.3099, 0.3064



11.5636, 0.3022, 0.3052



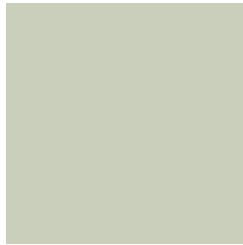
3.3648, 0.1660, 0.0688



0.2269, 0.1856, 0.0796

Previews

White Background



This preview shows how the Yxy color 60.8130, 0.3224, 0.3516 looks on a white background.

Color Contrast Check

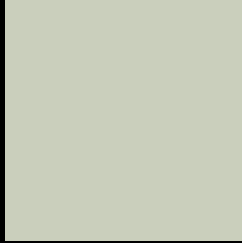
Large Text (above 18pt) WCAG AA × Fail

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 60.8130, 0.3224, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

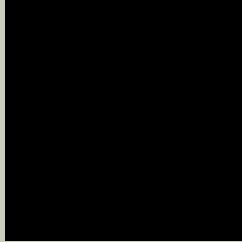
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

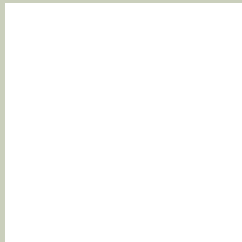
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8130, 0.3224, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 60.8130, 0.3224, 0.3516.



This preview shows how white text looks on a background with the Yxy color 60.8130, 0.3224, 0.3516.

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

60.8130, 0.3224, 0.3516

Protanopia

60.7280, 0.3321, 0.3501

Deuteranopia

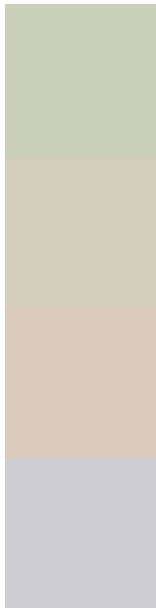
60.4732, 0.3448, 0.3369



Tritanopia

61.0917, 0.3045, 0.3107

Trichromacy



Original Color

60.8130, 0.3224, 0.3516

Protanomaly

60.6604, 0.3280, 0.3502

Deuteranomaly

60.6631, 0.3367, 0.3428

Tritanomaly

60.7189, 0.3107, 0.3243

Monochromacy



Original Color

60.8130, 0.3224, 0.3516

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9595, 0.3162, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8130, 0.3224, 0.3516 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, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 188)  
}
```

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, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.8130, 0.3224, 0.3516 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, 207, 188) }
```

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

```
.border{ border-color:rgb(202, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8130, 0.3224, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 188) }
```

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

```
.background{ background-color: rgb(202,  
207, 188) }
```

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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