

Converting Colors

Yxy(60.2982, 0.3136, 0.3231)

Have a look what the booklet for
Yxy(60.2982, 0.3136, 0.3231)
contains.

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Color

Yxy(60.1560, 0.3138, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	D0CACF
RGB	208, 202, 207
RGB Percent	82%, 79%, 81%
CMY	0.1841, 0.2079, 0.1882
CMYK	0.00, 0.03, 0.01, 0.18
HSL	310°, 6%, 80%
HSV	310°, 3%, 82%
XYZ	58.4064, 60.1560, 67.5638
YIQ	204.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

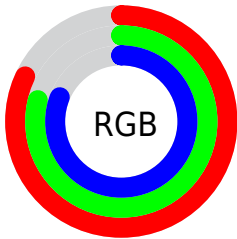
Format	Color
R _Y B	208, 202, 207
Decimal	13683407
CIE Lab	81.92, 3.01, -1.76
CIE LCh	82, 3.480, 329.711
Yxy	60.1560, 0.3138, 0.3232
Android (android.graphics.Color)	4291873487 (0xFFD0CACF)
YUV	204.3640, 1.2995, 3.1888
Hunter-Lab	77.5603, -1.3119, 2.6439

Details

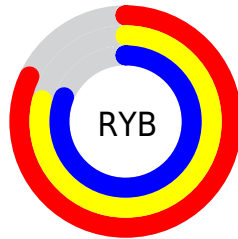
The Yxy color **60.1560, 0.3138, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0070, 0.3117, 0.3349**, and the grayscale version is **60.6221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3497, 0.3141, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **50.8704, 0.3179, 0.3027**, and if you desaturate by 10%, it is **70.7671, 0.3103, 0.3427**.

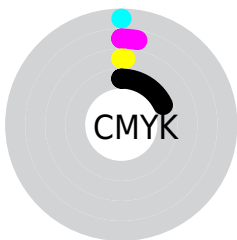
Distribution



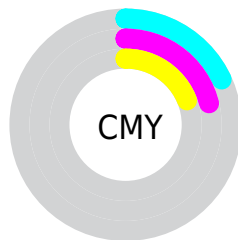
- Red (82%)
- Green (79%)
- Blue (81%)



- Red (82%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1560, 0.3138, 0.3232 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 60.1560, 0.3138, 0.3232 by changing the saturation by 10% instead.

■ 60.1560, 0.3138,
0.3232

■ 60.1560, 0.3138,
0.3232

425.1725, 0.3133,
0.3260

■ 43.5444, 0.3139,
0.3225

105.0559, 0.3136,
0.3242

■ 30.3125, 0.3141,
0.3217

134.1130, 0.3136,
0.3246

■ 20.0759, 0.3143,
0.3207

168.0874, 0.3135,
0.3249

■ 12.4502, 0.3145,
0.3192

207.3635, 0.3134,
0.3252

■ 7.0511, 0.3149,
0.3172

252.3257, 0.3134,
0.3254

■ 3.4941, 0.3154,
0.3142

303.3583, 0.3134,

■ 1.3948, 0.3163,

0.3256

0.3090

360.8458, 0.3133,
0.3258

0.2129, 0.3270,
0.2525

0.0000, 0.0000,
0.0000

60.1560, 0.3138,
0.3232

60.1560, 0.3138,
0.3232

50.8704, 0.3179,
0.3027

70.7671, 0.3103,
0.3427

42.8501, 0.3226,
0.2817

82.7452, 0.3073,
0.3610

36.0419, 0.3278,
0.2607

89.9916, 0.3049,
0.3687

30.3859, 0.3337,
0.2404

90.1827, 0.3029,
0.3647

■ 25.8170, 0.3400,
0.2218

■ 90.3780, 0.3009,
0.3608

■ 22.2634, 0.3466,
0.2059

■ 90.5775, 0.2989,
0.3568

■ 19.6452, 0.3534,
0.1935

■ 90.7811, 0.2970,
0.3529

■ 17.8699, 0.3601,
0.1855

■ 90.9890, 0.2950,
0.3490

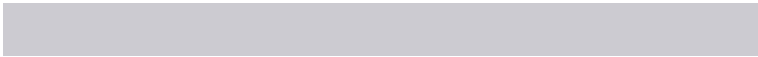
■ 16.8265, 0.3665,
0.1820

■ 91.2012, 0.2931,
0.3451

Harmonies

Analogous

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



60.1560, 0.3093, 0.3215



60.1560, 0.3138, 0.3232



60.1560, 0.3180, 0.3264

Triad

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



60.1560, 0.3138, 0.3232



60.1560, 0.3197, 0.3363



60.1560, 0.3047, 0.3276

Complementary

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



60.1560, 0.3138, 0.3232



62.0070, 0.3117, 0.3349

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.



60.1560, 0.3074, 0.3316



60.1560, 0.3138, 0.3232



60.1560, 0.3161, 0.3367

Square

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



60.1560, 0.3138, 0.3232



60.1560, 0.3214, 0.3340



60.1560, 0.3116, 0.3349



60.1560, 0.3041, 0.3240

Rectangle

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



60.1560, 0.3138, 0.3232



60.1560, 0.3201, 0.3290



60.1560, 0.3116, 0.3349



60.1560, 0.3054, 0.3289

Sweetspot

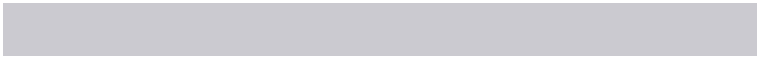
The Sweet Spot groups the original color and five complimentary colors.



60.1586, 0.3138, 0.3232



98.3553, 0.3131, 0.3270



59.4890, 0.3092, 0.3219



21.0694, 0.3131, 0.3271



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.



60.1586, 0.3138, 0.3232



95.1305, 0.3138, 0.3230



60.0137, 0.3160, 0.3267



13.1571, 0.3141, 0.3215



10.2237, 0.3700, 0.1812



0.5812, 0.3595, 0.1754

Inverse Universe

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



60.1586, 0.3138, 0.3232



95.1305, 0.3138, 0.3230



62.1510, 0.3096, 0.3314



13.1571, 0.3141, 0.3215



10.2237, 0.3700, 0.1812



0.5812, 0.3595, 0.1754

Previews

White Background



This preview shows how the Yxy color 60.1560, 0.3138, 0.3232 looks on a white background.

Color Contrast Check

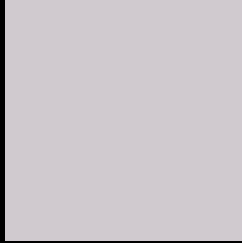
Large Text (above 18pt) WCAG AA × Fail

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 60.1560, 0.3138, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

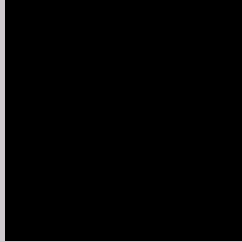
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

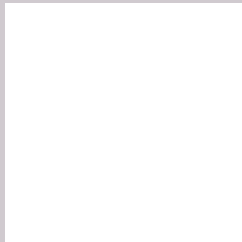
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1560, 0.3138, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 60.1560, 0.3138, 0.3232.

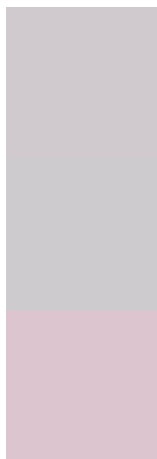


This preview shows how white text looks on a background with the Yxy color 60.1560, 0.3138, 0.3232.

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

60.1560, 0.3138, 0.3232

Protanopia

60.3387, 0.3122, 0.3244

Deuteranopia

59.8587, 0.3236, 0.3167



Tritanopia

60.2865, 0.3082, 0.3118

Trichromacy



Original Color

60.1560, 0.3138, 0.3232

Protanomaly

60.4823, 0.3129, 0.3244

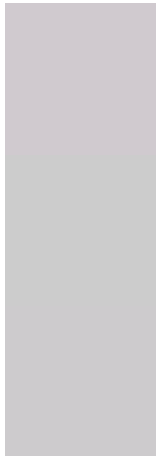
Deuteranomaly

59.9998, 0.3195, 0.3188

Tritanomaly

60.1327, 0.3103, 0.3152

Monochromacy



Original Color

60.1560, 0.3138, 0.3232

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0988, 0.3128, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1560, 0.3138, 0.3232 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(208, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 202, 207)  
}
```

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(208, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 202, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.1560, 0.3138, 0.3232 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(208, 202, 207) }
```

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

```
.border{ border-color:rgb(208, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 202, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 202, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 202,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1560, 0.3138, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 202, 207) }
```

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

```
.background{ background-color: rgb(208,  
202, 207) }
```

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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