

Converting Colors

Yxy(60.9814, 0.3025, 0.3413)

Have a look what the booklet for
Yxy(60.9814, 0.3025, 0.3413)
contains.

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Color

Yxy(60.8281, 0.3026, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	BBD2C8
RGB	187, 210, 200
RGB Percent	73%, 82%, 78%
CMY	0.2667, 0.1764, 0.2157
CMYK	0.11, 0.00, 0.05, 0.18
HSL	154°, 20%, 78%
HSV	154°, 11%, 82%
XYZ	53.9624, 60.8281, 63.5387
YIQ	201.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

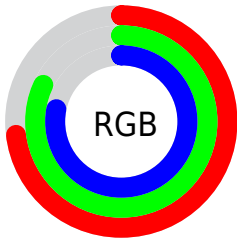
Format	Color
R _Y B	187, 202, 210
Decimal	12309192
CIE Lab	82.29, -9.63, 2.33
CIE LCh	82, 9.905, 166.405
Yxy	60.8281, 0.3026, 0.3411
Android (android.graphics.Color)	4290499272 (0xFFBBD2C8)
YUV	201.9830, -0.9776, -13.1401
Hunter-Lab	77.9924, -12.9836, 6.2924

Details

The Yxy color **60.8281, 0.3026, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2689, 0.3241, 0.3172**, and the grayscale version is **59.0625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **30.9206, 0.3004, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **57.9587, 0.2937, 0.3534**, and if you desaturate by 10%, it is **64.1155, 0.3118, 0.3300**.

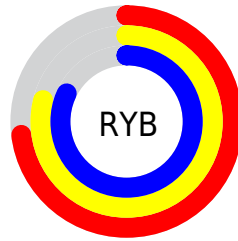
Distribution



Red (73%)

Green (82%)

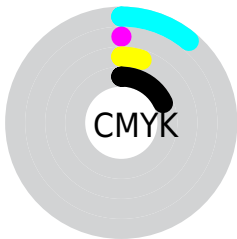
Blue (78%)



Red (73%)

Yellow (79%)

Blue (82%)

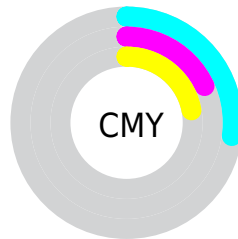


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8281, 0.3026, 0.3411 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 60.8281, 0.3026, 0.3411 by changing the saturation by 10% instead.

■ 60.8281, 0.3026,
0.3411

■ 60.8281, 0.3026,
0.3411

427.6434, 0.3075,
0.3353

■ 44.0865, 0.3014,
0.3425

■ 106.0300, 0.3043,
0.3390

■ 30.7385, 0.3000,
0.3443

135.2590, 0.3050,
0.3382

■ 20.3998, 0.2981,
0.3465

169.4193, 0.3055,
0.3376

■ 12.6860, 0.2955,
0.3496

208.8953, 0.3060,
0.3370

■ 7.2127, 0.2919,
0.3540

254.0713, 0.3065,
0.3365

■ 3.5955, 0.2864,
0.3608

305.3317, 0.3068,

■ 1.4499, 0.2768,

0.3360

0.3727

363.0610, 0.3072,
0.3356

0.2531, 0.0149,
0.6814

0.0000, 0.0000,
0.0000

60.8281, 0.3026,
0.3411

60.8281, 0.3026,
0.3411

57.9587, 0.2937,
0.3534

64.1155, 0.3118,
0.3300

55.4824, 0.2854,
0.3670


67.8292, 0.3211,
0.3201


53.3833, 0.2779,
0.3818


71.9872, 0.3304,
0.3114

51.6414, 0.2717,
0.3975

73.4441, 0.3276,
0.3026

 50.2351, 0.2669,
0.4140

 73.9901, 0.3212,
0.2939

 49.1399, 0.2640,
0.4310

 74.5637, 0.3149,
0.2853

 48.3281, 0.2631,
0.4481

 74.5775, 0.3148,
0.2851

 47.7667, 0.2641,
0.4648

 47.4221, 0.2665,
0.4795

Harmonies

Analogous

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



60.8281, 0.3151, 0.3490



60.8281, 0.3026, 0.3411



60.8281, 0.2929, 0.3299

Triad

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



60.8281, 0.3026, 0.3411



60.8281, 0.2981, 0.3075



60.8281, 0.3376, 0.3386

Complementary

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



60.8281, 0.3026, 0.3411



53.2689, 0.3241, 0.3172

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.



60.8281, 0.3329, 0.3277



60.8281, 0.3026, 0.3411



60.8281, 0.3099, 0.3100

Square

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



60.8281, 0.3026, 0.3411



60.8281, 0.2903, 0.3106



60.8281, 0.3227, 0.3174



60.8281, 0.3355, 0.3472

Rectangle

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



60.8281, 0.3026, 0.3411



60.8281, 0.2893, 0.3222



60.8281, 0.3227, 0.3174



60.8281, 0.3368, 0.3351

Sweetspot

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



60.8307, 0.3026, 0.3411



98.3655, 0.3099, 0.3322



61.6019, 0.3192, 0.3566



20.9630, 0.3091, 0.3331



0.0000, 0.0000, 0.0000



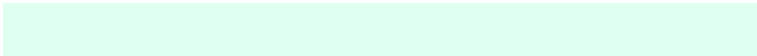
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8307, 0.3026, 0.3411



93.3521, 0.3006, 0.3437



60.7478, 0.2960, 0.3276



13.3166, 0.3040, 0.3393



28.9446, 0.2659, 0.4771



1.6342, 0.2575, 0.4471

Inverse Universe

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



53.2689, 0.3241, 0.3172



79.4944, 0.3267, 0.3148



53.3155, 0.3320, 0.3304



11.8924, 0.3223, 0.3189



8.8412, 0.5218, 0.2648



0.5101, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 60.8281, 0.3026, 0.3411 looks on a white background.

Color Contrast Check

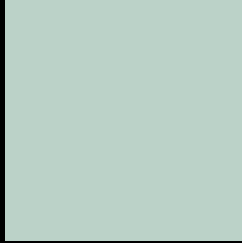
Large Text (above 18pt) WCAG AA × Fail

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 60.8281, 0.3026, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

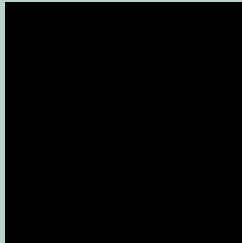
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

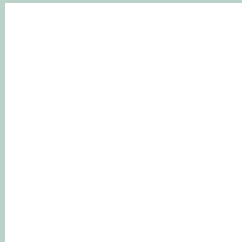
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8281, 0.3026, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 60.8281, 0.3026, 0.3411.



This preview shows how white text looks on a background with the Yxy color 60.8281, 0.3026, 0.3411.

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





Tritanopia

61.0297, 0.2903, 0.3102

Trichromacy



Original Color

60.8281, 0.3026, 0.3411

Protanomaly

60.7304, 0.3160, 0.3396

Deuteranomaly

60.3070, 0.3204, 0.3302

Tritanomaly

60.9652, 0.2948, 0.3207

Monochromacy



Original Color

60.8281, 0.3026, 0.3411

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7500, 0.3095, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8281, 0.3026, 0.3411 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(187, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 210, 200)  
}
```

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(187, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 210, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.8281, 0.3026, 0.3411 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(187, 210, 200) }
```

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

```
.border{ border-color:rgb(187, 210, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 210,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8281, 0.3026, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 210, 200) }
```

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

```
.background{ background-color: rgb(187,  
210, 200) }
```

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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