

Converting Colors

Yxy(61.4486, 0.2980, 0.3314)

Have a look what the booklet for
Yxy(61.4486, 0.2980, 0.3314)
contains.

Yxy(61.3386, 0.2980, 0.3314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3386, 0.2980, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	BCD2D0
RGB	188, 210, 208
RGB Percent	74%, 82%, 82%
CMY	0.2630, 0.1764, 0.1844
CMYK	0.11, 0.00, 0.01, 0.18
HSL	174°, 20%, 78%
HSV	174°, 11%, 82%
XYZ	55.1566, 61.3386, 68.5941
YIQ	203.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

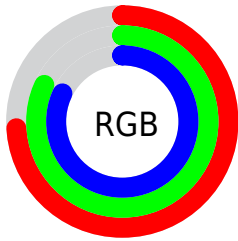
Format	Color
R _{YB}	188, 200, 210
Decimal	12374736
CIE Lab	82.56, -7.78, -1.52
CIE LCh	83, 7.925, 191.049
Yxy	61.3386, 0.2980, 0.3314
Android (android.graphics.Color)	4290564816 (0xFFBCD2D0)
YUV	203.1940, 2.3694, -13.3251
Hunter-Lab	78.3190, -11.3485, 2.8953

Details

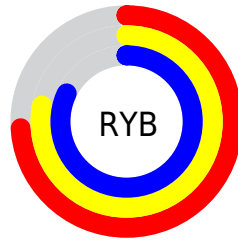
The Yxy color **61.3386, 0.2980, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3605, 0.3296, 0.3266**, and the grayscale version is **59.8341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **31.2609, 0.2944, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **58.7712, 0.2848, 0.3339**, and if you desaturate by 10%, it is **64.3004, 0.3120, 0.3291**.

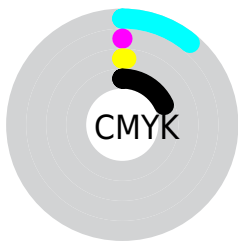
Distribution



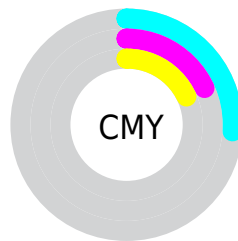
- Red (74%)
- Green (82%)
- Blue (82%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3386, 0.2980, 0.3314 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 61.3386, 0.2980, 0.3314 by changing the saturation by 10% instead.

■ 61.3386, 0.2980,
0.3314

■ 61.3386, 0.2980,
0.3314

429.5144, 0.3050,
0.3303

■ 44.4985, 0.2963,
0.3317

■ 106.7690, 0.3005,
0.3310

■ 31.0626, 0.2943,
0.3320

136.1282, 0.3014,
0.3309

■ 20.6465, 0.2916,
0.3324

170.4291, 0.3022,
0.3307

■ 12.8659, 0.2880,
0.3329

210.0562, 0.3029,
0.3306

■ 7.3362, 0.2830,
0.3336

255.3939, 0.3036,
0.3305

■ 3.6733, 0.2755,
0.3346

306.8266, 0.3041,

■ 1.4925, 0.2627,

0.3304

364.7386, 0.3046,
0.3304

0.3362

0.2835, 0.1023,
0.3644

0.0000, 0.0000,
0.0000

61.3386, 0.2980,
0.3314

61.3386, 0.2980,
0.3314

58.7712, 0.2848,
0.3339

64.3004, 0.3120,
0.3291

56.5738, 0.2725,
0.3366

67.6646, 0.3264,
0.3270

54.7311, 0.2616,
0.3395

71.4486, 0.3410,
0.3252

53.2237, 0.2523,
0.3425

72.3098, 0.3427,
0.3233

■ 52.0302, 0.2447,
0.3456

■ 72.4107, 0.3413,
0.3213

■ 51.1271, 0.2390,
0.3487

■ 72.5127, 0.3398,
0.3194

■ 50.4872, 0.2352,
0.3519

■ 72.6160, 0.3384,
0.3174

■ 50.0784, 0.2333,
0.3551

■ 72.7205, 0.3370,
0.3155

■ 49.8492, 0.2328,
0.3580

■ 72.8262, 0.3356,
0.3135

Harmonies

Analogous

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



61.3386, 0.3064, 0.3400



61.3386, 0.2980, 0.3314



61.3386, 0.2936, 0.3223

Triad

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



61.3386, 0.2980, 0.3314



61.3386, 0.3087, 0.3131



61.3386, 0.3316, 0.3426

Complementary

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



61.3386, 0.2980, 0.3314



53.3605, 0.3296, 0.3266

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.



61.3386, 0.3323, 0.3352



61.3386, 0.2980, 0.3314



61.3386, 0.3189, 0.3184

Square

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



61.3386, 0.2980, 0.3314



61.3386, 0.2997, 0.3119



61.3386, 0.3276, 0.3264



61.3386, 0.3258, 0.3465

Rectangle

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



61.3386, 0.2980, 0.3314



61.3386, 0.2934, 0.3172



61.3386, 0.3276, 0.3264



61.3386, 0.3324, 0.3404

Sweetspot

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



61.3412, 0.2980, 0.3314



98.5324, 0.3084, 0.3297



60.6986, 0.3131, 0.3559



21.0081, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



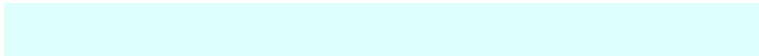
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3412, 0.2980, 0.3314



94.0501, 0.2944, 0.3320



57.1985, 0.2965, 0.3183



13.3875, 0.2995, 0.3311



30.4075, 0.2327, 0.3575



1.7058, 0.2311, 0.3518

Inverse Universe

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



53.3605, 0.3296, 0.3266



78.8545, 0.3345, 0.3260



57.1615, 0.3300, 0.3395



11.8257, 0.3276, 0.3269



8.3939, 0.6287, 0.3237



0.4756, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 61.3386, 0.2980, 0.3314 looks on a white background.

Color Contrast Check

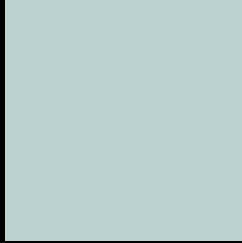
Large Text (above 18pt) WCAG AA × Fail

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 61.3386, 0.2980, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

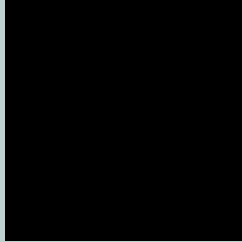
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

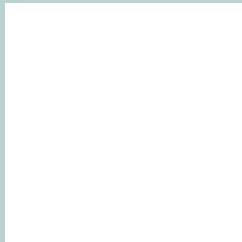
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3386, 0.2980, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 61.3386, 0.2980, 0.3314.



This preview shows how white text looks on a background with the Yxy color 61.3386, 0.2980, 0.3314.

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

61.3386, 0.2980, 0.3314

Protanopia

61.1488, 0.3158, 0.3279

Deuteranopia

61.1880, 0.3235, 0.3168



Tritanopia

61.5699, 0.2897, 0.3103

Trichromacy



Original Color

61.3386, 0.2980, 0.3314

Protanomaly

61.0164, 0.3089, 0.3290

Deuteranomaly

61.0170, 0.3138, 0.3221

Tritanomaly

61.6100, 0.2929, 0.3183

Monochromacy



Original Color

61.3386, 0.2980, 0.3314

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5562, 0.3074, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3386, 0.2980, 0.3314 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(188, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 208)  
}
```

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(188, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 208) }
```

Border

The CSS property to change the border of an element to Yxy 61.3386, 0.2980, 0.3314 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(188, 210, 208) }
```

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

```
.border{ border-color:rgb(188, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3386, 0.2980, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 208) }
```

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

```
.background{ background-color: rgb(188,  
210, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor