

Converting Colors

Yxy(61.2406, 0.2963, 0.3311)

Have a look what the booklet for
Yxy(61.2406, 0.2963, 0.3311)
contains.

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Color

Yxy(61.0864, 0.2966, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	BAD2D0
RGB	186, 210, 208
RGB Percent	73%, 82%, 82%
CMY	0.2707, 0.1764, 0.1844
CMYK	0.11, 0.00, 0.01, 0.18
HSL	175°, 21%, 78%
HSV	175°, 11%, 82%
XYZ	54.6718, 61.0864, 68.5701
YIQ	202.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

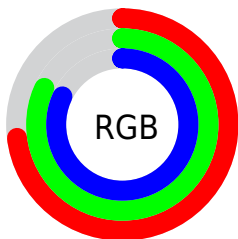
Format	Color
R _Y B	186, 199, 210
Decimal	12243664
CIE Lab	82.43, -8.42, -1.73
CIE LCh	82, 8.597, 191.623
Yxy	61.0864, 0.2966, 0.3314
Android (android.graphics.Color)	4290433744 (0xFFBAD2D0)
YUV	202.5960, 2.6642, -14.5547
Hunter-Lab	78.1578, -11.9145, 2.6936

Details

The Yxy color **61.0864, 0.2966, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4357, 0.3315, 0.3266**, and the grayscale version is **59.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **31.0966, 0.2926, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **58.5627, 0.2833, 0.3337**, and if you desaturate by 10%, it is **64.0028, 0.3106, 0.3293**.

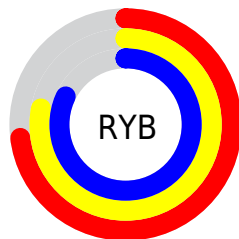
Distribution



Red (73%)

Green (82%)

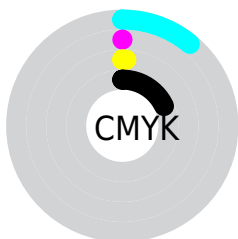
Blue (82%)



Red (73%)

Yellow (78%)

Blue (82%)

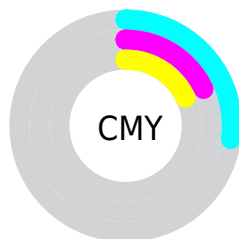


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (27%)


Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0864, 0.2966, 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 61.0864, 0.2966, 0.3314 by changing the saturation by 10% instead.

 61.0864, 0.2966,
0.3314

 61.0864, 0.2966,
0.3314


428.5907, 0.3043,
0.3303

 44.2949, 0.2948,
0.3317

 106.4040, 0.2993,
0.3310

 30.9024, 0.2925,
0.3320


135.6989, 0.3003,
0.3309

 20.5246, 0.2896,
0.3324


169.9305, 0.3012,
0.3307

 12.7769, 0.2857,
0.3329


209.4830, 0.3020,
0.3306

 7.2751, 0.2802,
0.3336

254.7408, 0.3027,
0.3305

 3.6347, 0.2719,
0.3345

306.0885, 0.3033,

 1.4714, 0.2579,

0.3304

0.3360

363.9103, 0.3038,
0.3304

0.2685, 0.0678,
0.3670

0.0000, 0.0000,
0.0000

61.0864, 0.2966,
0.3314

61.0864, 0.2966,
0.3314

58.5627, 0.2833,
0.3337

64.0028, 0.3106,
0.3293

56.4071, 0.2711,
0.3362


67.3199, 0.3251,
0.3274


54.6043, 0.2603,
0.3388


71.0552, 0.3399,
0.3257

53.1346, 0.2510,
0.3416


72.2730, 0.3432,
0.3239


 51.9766, 0.2436,
0.3444


 72.3650, 0.3419,
0.3221


 51.1063, 0.2380,
0.3473


 72.4579, 0.3406,
0.3203

 50.4963, 0.2344,
0.3502

 72.5519, 0.3392,
0.3185

 50.1138, 0.2325,
0.3530

 72.6469, 0.3379,
0.3168

 49.9179, 0.2321,
0.3555

 72.7429, 0.3366,
0.3150

Harmonies

Analogous

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



61.0864, 0.3056, 0.3408



61.0864, 0.2966, 0.3314



61.0864, 0.2919, 0.3215

Triad

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



61.0864, 0.2966, 0.3314



61.0864, 0.3085, 0.3119



61.0864, 0.3331, 0.3439

Complementary

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



61.0864, 0.2966, 0.3314



52.4357, 0.3315, 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.



61.0864, 0.3340, 0.3359



61.0864, 0.2966, 0.3314



61.0864, 0.3197, 0.3176

Square

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



61.0864, 0.2966, 0.3314



61.0864, 0.2987, 0.3104



61.0864, 0.3290, 0.3264



61.0864, 0.3267, 0.3480

Rectangle

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



61.0864, 0.2966, 0.3314



61.0864, 0.2918, 0.3160



61.0864, 0.3290, 0.3264



61.0864, 0.3341, 0.3416

Sweetspot

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



61.0890, 0.2966, 0.3314



98.5362, 0.3084, 0.3296



60.3831, 0.3131, 0.3585



21.0091, 0.3072, 0.3298



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.



61.0890, 0.2966, 0.3314



93.6534, 0.2929, 0.3320



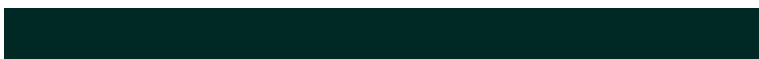
56.5795, 0.2951, 0.3173



13.3891, 0.2994, 0.3310



30.4509, 0.2320, 0.3550



1.7078, 0.2305, 0.3498

Inverse Universe

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



52.4357, 0.3315, 0.3266



77.3710, 0.3366, 0.3260



56.5395, 0.3317, 0.3405



11.8243, 0.3277, 0.3271



8.3902, 0.6298, 0.3243



0.4749, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 61.0864, 0.2966, 0.3314 looks on a white background.

Color Contrast Check

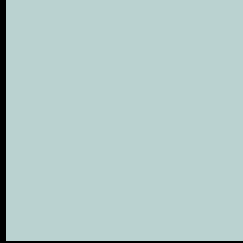
Large Text (above 18pt) WCAG AA × Fail

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 61.0864, 0.2966, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

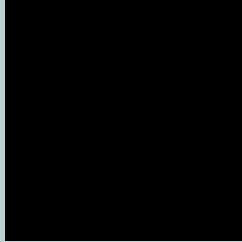
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

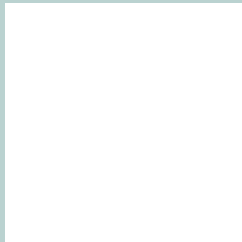
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0864, 0.2966, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 61.0864, 0.2966, 0.3314.

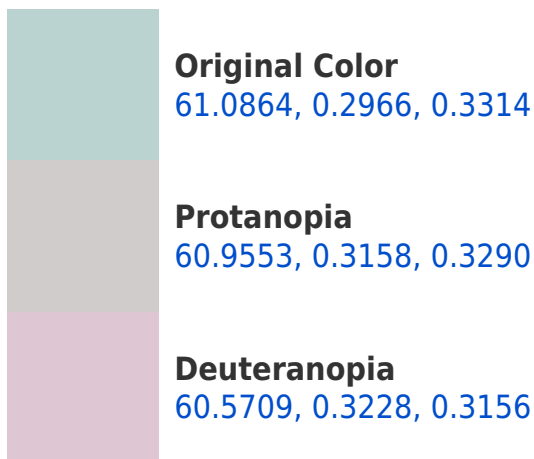


This preview shows how white text looks on a background with the Yxy color 61.0864, 0.2966, 0.3314.

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





Tritanopia

61.3124, 0.2884, 0.3102

Trichromacy



Original Color

61.0864, 0.2966, 0.3314

Protanomaly

60.8298, 0.3089, 0.3302

Deuteranomaly

60.3998, 0.3131, 0.3209

Tritanomaly

61.3543, 0.2915, 0.3183

Monochromacy



Original Color

61.0864, 0.2966, 0.3314

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4207, 0.3066, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0864, 0.2966, 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(186, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 210, 208) }
```

Border

The CSS property to change the border of an element to Yxy 61.0864, 0.2966, 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(186, 210, 208) }
```

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

```
.border{ border-color:rgb(186, 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(186, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 210,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0864, 0.2966, 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(186, 210, 208) }
```

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

```
.background{ background-color: rgb(186,  
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](#).

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