

Converting Colors

Yxy(60.4676, 0.2993, 0.3351)

Have a look what the booklet for
Yxy(60.4676, 0.2993, 0.3351)
contains.

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Color

Yxy(60.3997, 0.2992, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	BAD1CC
RGB	186, 209, 204
RGB Percent	73%, 82%, 80%
CMY	0.2707, 0.1803, 0.1999
CMYK	0.11, 0.00, 0.02, 0.18
HSL	167°, 20%, 77%
HSV	167°, 11%, 82%
XYZ	53.9450, 60.3997, 65.9529
YIQ	201.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

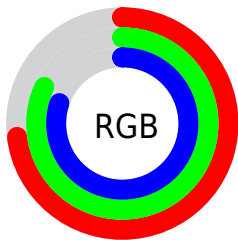
Format	Color
RYB	186, 199, 209
Decimal	12243404
CIELab	82.05, -8.68, -0.16
CIELCh	82, 8.677, 181.062
Yxy	60.3997, 0.2992, 0.3350
Android (android.graphics.Color)	4290433484 (0xFFBAD1CC)
YUV	201.5530, 1.2064, -13.6400
Hunter-Lab	77.7172, -12.1049, 4.0870

Details

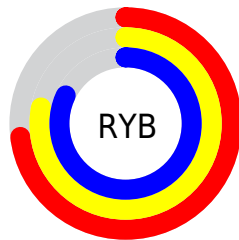
The Yxy color **60.3997, 0.2992, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4216, 0.3282, 0.3231**, and the grayscale version is **58.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **30.6312, 0.2960, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **57.7594, 0.2875, 0.3410**, and if you desaturate by 10%, it is **63.4342, 0.3114, 0.3295**.

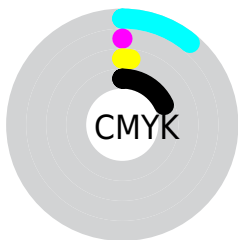
Distribution



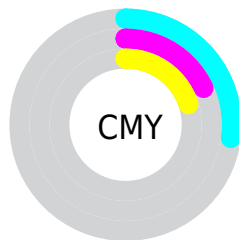
- Red (73%)
- Green (82%)
- Blue (80%)



- Red (73%)
- Yellow (78%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)




- Cyan (27%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3997, 0.2992, 0.3350 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 60.3997, 0.2992, 0.3350 by changing the saturation by 10% instead.

 60.3997, 0.2992,
0.3350

 60.3997, 0.2992,
0.3350


426.0695, 0.3057,
0.3321

 43.7409, 0.2977,
0.3357


 105.4093, 0.3015,
0.3340

 30.4669, 0.2957,
0.3365


134.5288, 0.3024,
0.3336

 20.1932, 0.2933,
0.3376

168.5707, 0.3031,
0.3333

 12.5356, 0.2899,
0.3391

207.9194, 0.3038,
0.3330

 7.1095, 0.2852,
0.3412

252.9592, 0.3043,
0.3327

 3.5307, 0.2780,
0.3443

304.0745, 0.3048,

 1.4147, 0.2658,

0.3325

0.3497

361.6498, 0.3053,
0.3323

0.2275, 0.0091,
0.4634

0.0000, 0.0000,
0.0000

60.3997, 0.2992,
0.3350

60.3997, 0.2992,
0.3350

57.7594, 0.2875,
0.3410

63.4342, 0.3114,
0.3295

55.4892, 0.2767,
0.3475


66.8710, 0.3240,
0.3246


53.5738, 0.2670,
0.3546


70.7273, 0.3366,
0.3202

51.9938, 0.2588,
0.3620

72.1475, 0.3381,
0.3158

 50.7280, 0.2522,
0.3697


 72.3938, 0.3348,
0.3113


 49.7530, 0.2476,
0.3776


 72.6467, 0.3315,
0.3068

 49.0417, 0.2448,
0.3855

 72.9062, 0.3283,
0.3024

 48.5619, 0.2440,
0.3935

 73.1724, 0.3250,
0.2980

 48.2770, 0.2446,
0.4006

 73.4453, 0.3219,
0.2937

Harmonies

Analogous

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



60.3997, 0.3093, 0.3437



60.3997, 0.2992, 0.3350



60.3997, 0.2927, 0.3248

Triad

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



60.3997, 0.2992, 0.3350



60.3997, 0.3047, 0.3106



60.3997, 0.3344, 0.3416

Complementary

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



60.3997, 0.2992, 0.3350



52.4216, 0.3282, 0.3231

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.



60.3997, 0.3332, 0.3327



60.3997, 0.2992, 0.3350



60.3997, 0.3158, 0.3150

Square

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



60.3997, 0.2992, 0.3350



60.3997, 0.2958, 0.3109



60.3997, 0.3263, 0.3230



60.3997, 0.3298, 0.3473

Rectangle

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



60.3997, 0.2992, 0.3350



60.3997, 0.2913, 0.3186



60.3997, 0.3263, 0.3230



60.3997, 0.3347, 0.3388

Sweetspot

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



60.4022, 0.2992, 0.3350



98.4716, 0.3089, 0.3306



60.2217, 0.3151, 0.3571



20.9916, 0.3079, 0.3310



0.0000, 0.0000, 0.0000



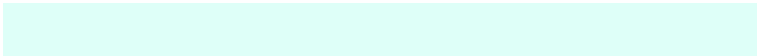
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4022, 0.2992, 0.3350



93.7919, 0.2967, 0.3362



57.5071, 0.2958, 0.3210



13.3614, 0.3011, 0.3341



29.7776, 0.2443, 0.3994



1.6761, 0.2403, 0.3849

Inverse Universe

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



52.4216, 0.3282, 0.3231



79.0818, 0.3316, 0.3219



55.0190, 0.3313, 0.3368



11.8496, 0.3257, 0.3240



8.4880, 0.6014, 0.3087



0.4867, 0.5491, 0.2799

Previews

White Background



This preview shows how the Yxy color 60.3997, 0.2992, 0.3350 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 60.3997, 0.2992, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

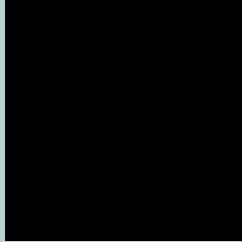
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

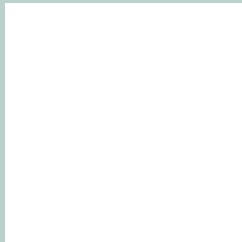
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3997, 0.2992, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 60.3997, 0.2992, 0.3350.



This preview shows how white text looks on a background with the Yxy color 60.3997, 0.2992, 0.3350.

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

60.3997, 0.2992, 0.3350

Protanopia

60.2919, 0.3187, 0.3325

Deuteranopia

59.9183, 0.3259, 0.3189



Tritanopia

60.2891, 0.2889, 0.3089

Trichromacy



Original Color

60.3997, 0.2992, 0.3350

Protanomaly

60.1590, 0.3117, 0.3337

Deuteranomaly

59.7364, 0.3160, 0.3244

Tritanomaly

60.2749, 0.2927, 0.3182

Monochromacy



Original Color

60.3997, 0.2992, 0.3350

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7102, 0.3073, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3997, 0.2992, 0.3350 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, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 204)  
}
```

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, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.3997, 0.2992, 0.3350 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, 209, 204) }
```

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

```
.border{ border-color:rgb(186, 209, 204) }
```

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

Here you see how a box with a 4 pixel rgb(186, 209, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3997, 0.2992, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 204) }
```

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

```
.background{ background-color: rgb(186,  
209, 204) }
```

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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