

Converting Colors

Yxy(50.3067, 0.3242, 0.3539)

Have a look what the booklet for
Yxy(50.3067, 0.3242, 0.3539)
contains.

Yxy(50.2063, 0.3240, 0.3535)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2063, 0.3240, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	BABEAB
RGB	186, 190, 171
RGB Percent	73%, 75%, 67%
CMY	0.2706, 0.2549, 0.3293
CMYK	0.02, 0.00, 0.10, 0.25
HSL	73°, 13%, 71%
HSV	73°, 10%, 75%
XYZ	46.0165, 50.2063, 45.8035
YIQ	186.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

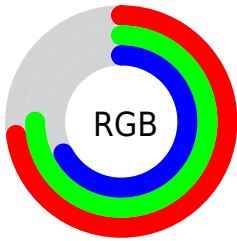
Format	Color
RYB	171, 190, 175
Decimal	12238507
CIELab	76.20, -4.78, 9.10
CIELCh	76, 10.283, 117.732
Yxy	50.2063, 0.3240, 0.3535
Android (android.graphics.Color)	4290428587 (0xFFBABEAB)
YUV	186.6380, -7.7095, -0.5595
Hunter-Lab	70.8564, -8.0748, 11.2728

Details

The Yxy color **50.2063, 0.3240, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9674, 0.3007, 0.3038**, and the grayscale version is **49.5245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2798, 0.3222, 0.3492**, and **24.2098, 0.3270, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **49.0413, 0.3354, 0.3792**, and if you desaturate by 10%, it is **51.4939, 0.3127, 0.3290**.

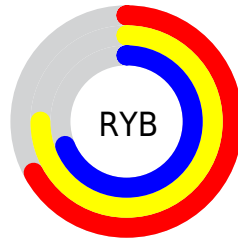
Distribution



Red (73%)

Green (75%)

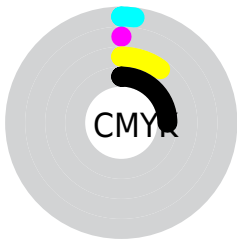
Blue (67%)



Red (67%)

Yellow (75%)

Blue (69%)

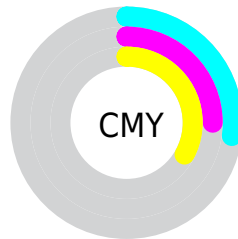


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (25%)



Cyan (27%)


Magenta (25%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2063, 0.3240, 0.3535 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 50.2063, 0.3240, 0.3535 by changing the saturation by 10% instead.


 50.2063, 0.3240,
0.3535

 50.2063, 0.3240,
0.3535


387.4722, 0.3185,
0.3413

 35.5773, 0.3253,
0.3565


 90.4805, 0.3220,
0.3491

 24.1079, 0.3270,
0.3604


116.8945, 0.3213,
0.3474

 15.4137, 0.3293,
0.3656


148.0056, 0.3206,
0.3460

 9.1103, 0.3323,
0.3729

184.1983, 0.3201,
0.3448

 4.8132, 0.3366,
0.3836

225.8569, 0.3196,
0.3437

 2.1381, 0.3433,
0.4013

273.3658, 0.3192,

 0.6859, 0.4019,

0.3428

0.5151

327.1094, 0.3188,
0.3420

0.0000, 0.0000,
0.0000

50.2063, 0.3240,
0.3535

50.2063, 0.3240,
0.3535

49.0413, 0.3354,
0.3792

51.4939, 0.3127,
0.3290

47.9877, 0.3467,
0.4057

52.9017, 0.3018,
0.3060

47.0429, 0.3573,
0.4319

54.4360, 0.2915,
0.2848

46.2017, 0.3667,
0.4572

56.1006, 0.2818,
0.2654

45.4583, 0.3745,
0.4803

57.1688, 0.2796,
0.2581

■ 44.8064, 0.3801,
0.5001

■ 57.7484, 0.2824,
0.2587

■ 44.2387, 0.3833,
0.5159

■ 58.3425, 0.2853,
0.2593

■ 43.7468, 0.3839,
0.5271

■ 58.9515, 0.2882,
0.2599

■ 43.3138, 0.3825,
0.5345

■ 59.5753, 0.2911,
0.2604

Harmonies

Analogous

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



50.2063, 0.3352, 0.3516



50.2063, 0.3240, 0.3535



50.2063, 0.3100, 0.3485

Triad

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



50.2063, 0.3240, 0.3535



50.2063, 0.2859, 0.3136



50.2063, 0.3285, 0.3202

Complementary

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



50.2063, 0.3240, 0.3535



41.9674, 0.3007, 0.3038

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.



50.2063, 0.3150, 0.3106



50.2063, 0.3240, 0.3535



50.2063, 0.2905, 0.3066

Square

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



50.2063, 0.3240, 0.3535



50.2063, 0.2882, 0.3250



50.2063, 0.3011, 0.3056



50.2063, 0.3379, 0.3321

Rectangle

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



50.2063, 0.3240, 0.3535



50.2063, 0.3009, 0.3419



50.2063, 0.3011, 0.3056



50.2063, 0.3243, 0.3166

Sweetspot

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



50.2085, 0.3240, 0.3535



92.5775, 0.3161, 0.3363



44.4773, 0.3295, 0.3340



20.2870, 0.3170, 0.3383



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.2085, 0.3240, 0.3535



90.4995, 0.3265, 0.3591



49.0822, 0.3162, 0.3541



11.0165, 0.3233, 0.3519



28.8352, 0.3830, 0.5341



1.1554, 0.3922, 0.5268

Inverse Universe

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



41.9674, 0.3007, 0.3038



72.5413, 0.2979, 0.2979



43.0800, 0.3088, 0.3044



9.3195, 0.3016, 0.3055



2.7998, 0.1616, 0.0664



0.1384, 0.1855, 0.0795

Previews

White Background



This preview shows how the Yxy color 50.2063, 0.3240, 0.3535 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 50.2063, 0.3240, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

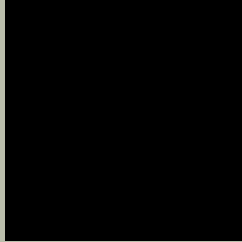
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

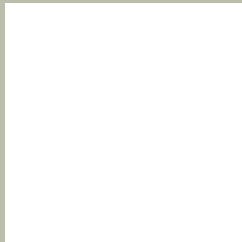
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2063, 0.3240, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 50.2063, 0.3240, 0.3535.



This preview shows how white text looks on a background with the Yxy color 50.2063, 0.3240, 0.3535.

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

50.2063, 0.3240, 0.3535

Protanopia

50.0450, 0.3329, 0.3506

Deuteranopia

49.9138, 0.3457, 0.3388



Tritanopia

50.2351, 0.3053, 0.3116

Trichromacy



Original Color

50.2063, 0.3240, 0.3535

Protanomaly

50.0752, 0.3302, 0.3520

Deuteranomaly

49.8161, 0.3380, 0.3440

Tritanomaly

50.0336, 0.3128, 0.3265

Monochromacy



Original Color

50.2063, 0.3240, 0.3535

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8674, 0.3173, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2063, 0.3240, 0.3535 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, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 190, 171)  
}
```

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, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 50.2063, 0.3240, 0.3535 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, 190, 171) }
```

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

```
.border{ border-color:rgb(186, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 190,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2063, 0.3240, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 190, 171) }
```

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

```
.background{ background-color: rgb(186,  
190, 171) }
```

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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