

Converting Colors

Yxy(50.6489, 0.3186, 0.3455)

Have a look what the booklet for
Yxy(50.6489, 0.3186, 0.3455)
contains.

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Color

Yxy(50.9151, 0.3185, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	BABFB2
RGB	186, 191, 178
RGB Percent	73%, 75%, 70%
CMY	0.2705, 0.2510, 0.3019
CMYK	0.03, 0.00, 0.07, 0.25
HSL	83°, 9%, 72%
HSV	83°, 7%, 75%
XYZ	46.9226, 50.9151, 49.4861
YIQ	188.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

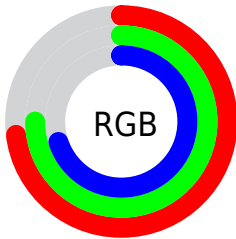
Format	Color
RYB	178, 191, 183
Decimal	12238770
CIELab	76.63, -4.09, 5.93
CIElCh	77, 7.204, 124.556
Yxy	50.9151, 0.3185, 0.3456
Android (android.graphics.Color)	4290428850 (0xFFBABFB2)
YUV	188.0230, -4.9413, -1.7742
Hunter-Lab	71.3548, -7.4901, 8.8295

Details

The Yxy color $50.9151, 0.3185, 0.3456$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.6785, 0.3067, 0.3123$, and the grayscale version is $50.3351, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3393, 0.3173, 0.3420$, and $24.6442, 0.3205, 0.3516$ is the 20% darker color. If you saturate the color by 10%, you get $49.3091, 0.3271, 0.3716$, and if you desaturate by 10%, it is $52.6793, 0.3100, 0.3215$.

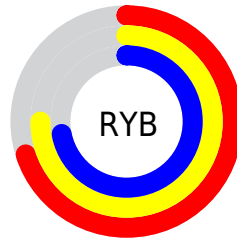
Distribution



Red (73%)

Green (75%)

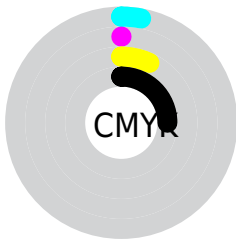
Blue (70%)



Red (70%)

Yellow (75%)

Blue (72%)

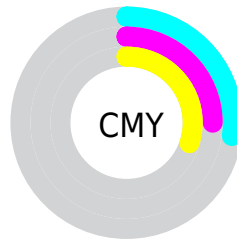


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9151, 0.3185, 0.3456 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 50.9151, 0.3185, 0.3456 by changing the saturation by 10% instead.

■ 50.9151, 0.3185,
0.3456

■ 50.9151, 0.3185,
0.3456

390.2338, 0.3157,
0.3374

■ 36.1410, 0.3192,
0.3476

■ 91.5293, 0.3175,
0.3426

■ 24.5431, 0.3200,
0.3503

118.1382, 0.3171,
0.3415

■ 15.7370, 0.3212,
0.3537

149.4608, 0.3168,
0.3405

■ 9.3383, 0.3227,
0.3586

185.8816, 0.3165,
0.3397

■ 4.9625, 0.3249,
0.3657

227.7849, 0.3163,
0.3390

■ 2.2253, 0.3284,
0.3774

275.5551, 0.3160,

■ 0.7337, 0.3484,

0.3384

0.4277

329.5766, 0.3159,
0.3378

0.0000, 0.0000,
0.0000

50.9151, 0.3185,
0.3456

50.9151, 0.3185,
0.3456

49.3091, 0.3271,
0.3716

52.6793, 0.3100,
0.3215

47.8496, 0.3354,
0.3990

54.5999, 0.3018,
0.2993

46.5334, 0.3432,
0.4272

56.6837, 0.2940,
0.2792

45.3547, 0.3500,
0.4553

58.9350, 0.2866,
0.2611

44.3073, 0.3553,
0.4823

60.1070, 0.2916,
0.2616

■ 43.3843, 0.3587,
0.5067

■ 61.2921, 0.2969,
0.2626

■ 42.5780, 0.3598,
0.5274

■ 62.5281, 0.3023,
0.2637

■ 41.8796, 0.3585,
0.5434

■ 63.8155, 0.3078,
0.2648

■ 41.2776, 0.3550,
0.5544

■ 65.1549, 0.3133,
0.2659

Harmonies

Analogous

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



50.9151, 0.3269, 0.3454



50.9151, 0.3185, 0.3456



50.9151, 0.3086, 0.3411

Triad

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



50.9151, 0.3185, 0.3456



50.9151, 0.2942, 0.3169



50.9151, 0.3256, 0.3247

Complementary

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



50.9151, 0.3185, 0.3456



45.6785, 0.3067, 0.3123

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.



50.9151, 0.3166, 0.3174



50.9151, 0.3185, 0.3456



50.9151, 0.2986, 0.3128

Square

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



50.9151, 0.3185, 0.3456



50.9151, 0.2947, 0.3243



50.9151, 0.3067, 0.3130



50.9151, 0.3311, 0.3332

Rectangle

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



50.9151, 0.3185, 0.3456



50.9151, 0.3026, 0.3361



50.9151, 0.3067, 0.3130



50.9151, 0.3229, 0.3220

Sweetspot

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



50.9173, 0.3185, 0.3456



92.6652, 0.3144, 0.3339



48.0676, 0.3236, 0.3351



20.3554, 0.3144, 0.3336



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.



50.9173, 0.3185, 0.3456



90.7976, 0.3196, 0.3490



50.1488, 0.3133, 0.3459



10.9330, 0.3207, 0.3521



27.0579, 0.3545, 0.5567



1.0964, 0.3702, 0.5443

Inverse Universe

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



45.6785, 0.3067, 0.3123



79.6699, 0.3054, 0.3089



46.4648, 0.3120, 0.3126



9.3988, 0.3042, 0.3057



3.4509, 0.1829, 0.0781



0.1730, 0.2114, 0.0938

Previews

White Background



This preview shows how the Yxy color 50.9151, 0.3185, 0.3456 looks on a white background.

Color Contrast Check

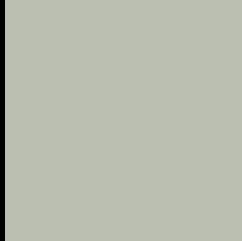
Large Text (above 18pt) WCAG AA × Fail

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 50.9151, 0.3185, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

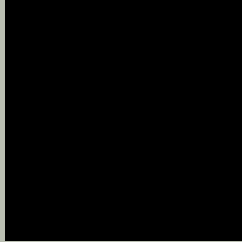
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

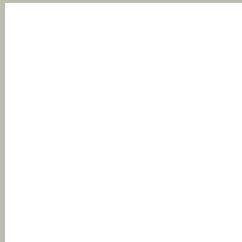
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9151, 0.3185, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 50.9151, 0.3185, 0.3456.



This preview shows how white text looks on a background with the Yxy color 50.9151, 0.3185, 0.3456.

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

50.9151, 0.3185, 0.3456

Protanopia

50.7429, 0.3272, 0.3428

Deuteranopia

51.0111, 0.3394, 0.3327



Tritanopia

50.7521, 0.3038, 0.3105

Trichromacy



Original Color

50.9151, 0.3185, 0.3456

Protanomaly

50.7760, 0.3245, 0.3442

Deuteranomaly

50.9290, 0.3319, 0.3377

Tritanomaly

50.6355, 0.3097, 0.3227

Monochromacy



Original Color

50.9151, 0.3185, 0.3456

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4207, 0.3149, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9151, 0.3185, 0.3456 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, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 178)  
}
```

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, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.9151, 0.3185, 0.3456 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, 191, 178) }
```

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

```
.border{ border-color:rgb(186, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9151, 0.3185, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 178) }
```

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

```
.background{ background-color: rgb(186,  
191, 178) }
```

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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