

Converting Colors

Yxy(52.5702, 0.3184, 0.3467)

Have a look what the booklet for
Yxy(52.5702, 0.3184, 0.3467)
contains.

Yxy(52.5702, 0.3184, 0.3467)	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(52.5702, 0.3184, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2B4
RGB	188, 194, 180
RGB Percent	74%, 76%, 71%
CMY	0.2625, 0.2393, 0.2941
CMYK	0.03, 0.00, 0.07, 0.24
HSL	85°, 10%, 73%
HSV	85°, 7%, 76%
XYZ	48.2791, 52.5702, 50.7810
YIQ	190.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

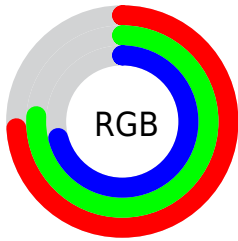
Format	Color
RYB	180, 194, 186
Decimal	12370612
CIELab	77.62, -4.59, 6.32
CIELCh	78, 7.810, 126.037
Yxy	52.5702, 0.3184, 0.3467
Android (android.graphics.Color)	4290560692 (0xFFBCC2B4)
YUV	190.6100, -5.2307, -2.2890
Hunter-Lab	72.5053, -8.0266, 9.2284

Details

The Yxy color **52.5702, 0.3184, 0.3467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9668, 0.3067, 0.3112**, and the grayscale version is **51.8988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6604, 0.3172, 0.3429**, and **25.4394, 0.3204, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **50.8209, 0.3263, 0.3729**, and if you desaturate by 10%, it is **54.4942, 0.3105, 0.3224**.

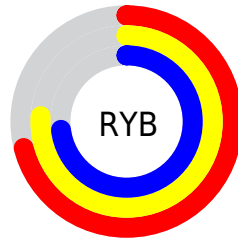
Distribution



Red (74%)

Green (76%)

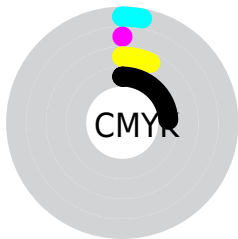
Blue (71%)



Red (71%)

Yellow (76%)

Blue (73%)

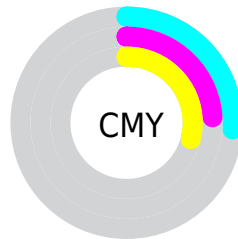


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5702, 0.3184, 0.3467 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 52.5702, 0.3184, 0.3467 by changing the saturation by 10% instead.

■ 52.5702, 0.3184,
0.3467

■ 52.5702, 0.3184,
0.3467

396.6340, 0.3157,
0.3380

■ 37.4598, 0.3191,
0.3489

■ 93.9716, 0.3174,
0.3435

■ 25.5637, 0.3199,
0.3516

121.0314, 0.3170,
0.3424

■ 16.4975, 0.3210,
0.3553

152.8431, 0.3167,
0.3413

■ 9.8769, 0.3224,
0.3603

189.7911, 0.3165,
0.3405

■ 5.3174, 0.3245,
0.3677

232.2598, 0.3162,
0.3397

■ 2.4347, 0.3277,
0.3798

280.6336, 0.3160,

■ 0.8436, 0.3431,

0.3391

0.4196

335.2968, 0.3158,
0.3385

0.0000, 0.0000,
0.0000

52.5702, 0.3184,
0.3467

52.5702, 0.3184,
0.3467

50.8209, 0.3263,
0.3729

54.4942, 0.3105,
0.3224

49.2340, 0.3339,
0.4006

56.5915, 0.3029,
0.3003

47.8059, 0.3410,
0.4293

58.8692, 0.2956,
0.2802

46.5301, 0.3471,
0.4580

61.1639, 0.2904,
0.2646

45.4001, 0.3516,
0.4856

62.4864, 0.2964,
0.2657

■ 44.4082, 0.3543,
0.5107

■ 63.8731, 0.3024,
0.2668

■ 43.5462, 0.3546,
0.5320

■ 65.3247, 0.3085,
0.2680

■ 42.8045, 0.3527,
0.5484

■ 66.8422, 0.3147,
0.2691

■ 42.1702, 0.3486,
0.5597

■ 67.0586, 0.3155,
0.2693

Harmonies

Analogous

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



52.5702, 0.3276, 0.3468



52.5702, 0.3184, 0.3467



52.5702, 0.3078, 0.3417

Triad

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



52.5702, 0.3184, 0.3467



52.5702, 0.2930, 0.3157



52.5702, 0.3269, 0.3248

Complementary

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



52.5702, 0.3184, 0.3467



46.9668, 0.3067, 0.3112

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.



52.5702, 0.3174, 0.3168



52.5702, 0.3184, 0.3467



52.5702, 0.2979, 0.3115

Square

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



52.5702, 0.3184, 0.3467



52.5702, 0.2933, 0.3235



52.5702, 0.3068, 0.3120



52.5702, 0.3326, 0.3340

Rectangle

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



52.5702, 0.3184, 0.3467



52.5702, 0.3014, 0.3362



52.5702, 0.3068, 0.3120



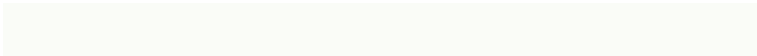
52.5702, 0.3240, 0.3219

Sweetspot

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



52.5725, 0.3184, 0.3467



97.0252, 0.3143, 0.3339



49.8084, 0.3242, 0.3364



21.2551, 0.3142, 0.3336



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.



52.5725, 0.3184, 0.3467



94.6239, 0.3199, 0.3516



51.7175, 0.3128, 0.3470



11.5388, 0.3201, 0.3522



27.6707, 0.3482, 0.5617



1.2355, 0.3639, 0.5493

Inverse Universe

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



46.9668, 0.3067, 0.3112



81.9139, 0.3050, 0.3062



47.8507, 0.3125, 0.3115



9.9520, 0.3048, 0.3057



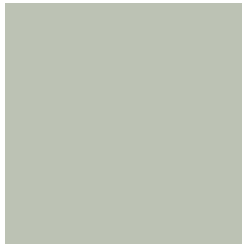
3.7939, 0.1895, 0.0817



0.2045, 0.2155, 0.0961

Previews

White Background



This preview shows how the Yxy color 52.5702, 0.3184, 0.3467 looks on a white background.

Color Contrast Check

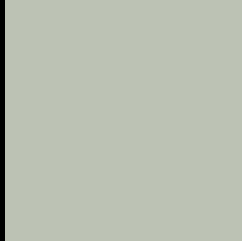
Large Text (above 18pt) WCAG AA × Fail

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 52.5702, 0.3184, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

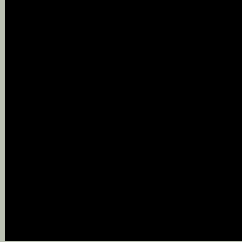
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

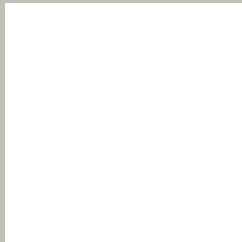
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5702, 0.3184, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 52.5702, 0.3184, 0.3467.



This preview shows how white text looks on a background with the Yxy color 52.5702, 0.3184, 0.3467.

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

52.5702, 0.3184, 0.3467

Protanopia

52.4817, 0.3285, 0.3452

Deuteranopia

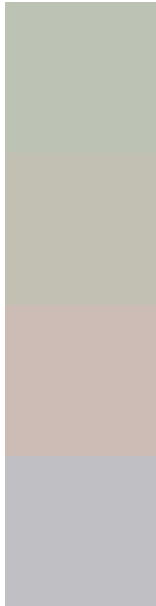
52.3715, 0.3400, 0.3326



Tritanopia

52.4412, 0.3032, 0.3107

Trichromacy



Original Color

52.5702, 0.3184, 0.3467

Protanomaly

52.4233, 0.3243, 0.3453

Deuteranomaly

52.2818, 0.3325, 0.3376

Tritanomaly

52.3235, 0.3090, 0.3228

Monochromacy



Original Color

52.5702, 0.3184, 0.3467

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2343, 0.3149, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5702, 0.3184, 0.3467 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, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 180)  
}
```

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, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.5702, 0.3184, 0.3467 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, 194, 180) }
```

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

```
.border{ border-color:rgb(188, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5702, 0.3184, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 180) }
```

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

```
.background{ background-color: rgb(188,  
194, 180) }
```

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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