

Converting Colors

$Yxy(52.2299, 0.3113, 0.3402)$

Have a look what the booklet for
Yxy(52.2299, 0.3113, 0.3402)
contains.

Yxy(52.2767, 0.3114, 0.3404)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2767, 0.3114, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2B9
RGB	184, 194, 185
RGB Percent	72%, 76%, 73%
CMY	0.2783, 0.2392, 0.2745
CMYK	0.05, 0.00, 0.05, 0.24
HSL	126°, 8%, 74%
HSV	126°, 5%, 76%
XYZ	47.8230, 52.2767, 53.4746
YIQ	189.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

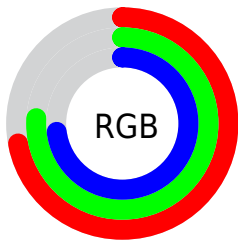
Format	Color
RYB	184, 193, 194
Decimal	12108473
CIELab	77.45, -5.10, 3.32
CIELCh	77, 6.087, 146.955
Yxy	52.2767, 0.3114, 0.3404
Android (android.graphics.Color)	4290298553 (0xFFB8C2B9)
YUV	189.9840, -2.4571, -5.2480
Hunter-Lab	72.3026, -8.4645, 6.7613

Details

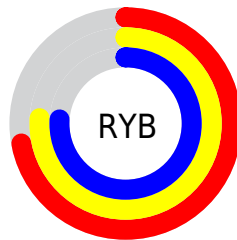
The Yxy color $52.2767, 0.3114, 0.3404$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.6157, 0.3141, 0.3179$, and the grayscale version is $51.5030, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.2474, 0.3117, 0.3379$, and $25.2474, 0.3110, 0.3428$ is the 20% darker color. If you saturate the color by 10%, you get $49.3503, 0.3087, 0.3649$, and if you desaturate by 10%, it is $55.6271, 0.3139, 0.3189$.

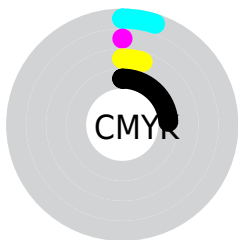
Distribution



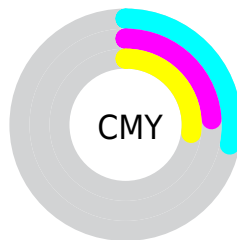
- Red (72%)
- Green (76%)
- Blue (73%)



- Red (72%)
- Yellow (76%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2767, 0.3114, 0.3404 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 52.2767, 0.3114, 0.3404 by changing the saturation by 10% instead.

■ 52.2767, 0.3114,
0.3404

■ 52.2767, 0.3114,
0.3404

■ 395.5039, 0.3121,
0.3348

■ 37.2257, 0.3112,
0.3418

■ 93.5392, 0.3116,
0.3384

■ 25.3823, 0.3110,
0.3436

■ 120.5194, 0.3117,
0.3376

■ 16.3621, 0.3107,
0.3459

■ 152.2449, 0.3118,
0.3370

■ 9.7807, 0.3103,
0.3492

■ 189.0999, 0.3119,
0.3364

■ 5.2538, 0.3097,
0.3539

■ 231.4689, 0.3119,
0.3359

■ 2.3969, 0.3086,
0.3617

■ 279.7364, 0.3120,

■ 0.8243, 0.3067,

0.3355


0.3836

334.2865, 0.3120,
0.3351


 0.0000, 0.0000,
0.0000


 52.2767, 0.3114,
0.3404

 52.2767, 0.3114,
0.3404


 49.3503, 0.3087,
0.3649


 55.6271, 0.3139,
0.3189

 46.8246, 0.3060,
0.3924

 59.4104, 0.3163,
0.3002

 44.6842, 0.3034,
0.4227

 63.6438, 0.3185,
0.2841

 42.9101, 0.3010,
0.4550

 67.0608, 0.3155,
0.2693

 41.4817, 0.2989,
0.4881

■ 40.3763, 0.2975,
0.5200

■ 39.5686, 0.2968,
0.5487

■ 39.0293, 0.2970,
0.5719

■ 38.7233, 0.2979,
0.5881

Harmonies

Analogous

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



52.2767, 0.3196, 0.3432



52.2767, 0.3114, 0.3404



52.2767, 0.3037, 0.3344

Triad

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



52.2767, 0.3114, 0.3404



52.2767, 0.2996, 0.3160



52.2767, 0.3273, 0.3308

Complementary

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



52.2767, 0.3114, 0.3404



49.6157, 0.3141, 0.3179

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.



52.2767, 0.3218, 0.3237



52.2767, 0.3114, 0.3404



52.2767, 0.3058, 0.3152

Square

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



52.2767, 0.3114, 0.3404



52.2767, 0.2969, 0.3202



52.2767, 0.3139, 0.3180



52.2767, 0.3288, 0.3375

Rectangle

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



52.2767, 0.3114, 0.3404



52.2767, 0.2998, 0.3295



52.2767, 0.3139, 0.3180



52.2767, 0.3258, 0.3284

Sweetspot

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



52.2789, 0.3114, 0.3404



96.5218, 0.3122, 0.3334



53.4021, 0.3195, 0.3414



21.1502, 0.3122, 0.3332



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.



52.2789, 0.3114, 0.3404



94.1799, 0.3111, 0.3426



52.4866, 0.3078, 0.3342



11.4620, 0.3110, 0.3437



25.4042, 0.2979, 0.5923



1.1032, 0.2909, 0.5671

Inverse Universe

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



49.6157, 0.3141, 0.3179



88.4865, 0.3143, 0.3157



49.4035, 0.3179, 0.3238



10.7169, 0.3144, 0.3147



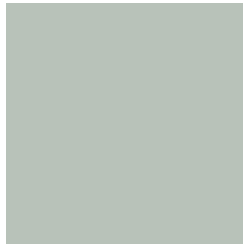
9.5824, 0.3469, 0.1685



0.4191, 0.3404, 0.1649

Previews

White Background



This preview shows how the Yxy color 52.2767, 0.3114, 0.3404 looks on a white background.

Color Contrast Check

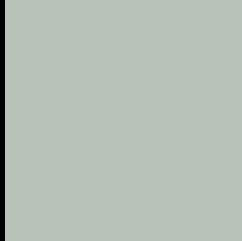
Large Text (above 18pt) WCAG AA × Fail

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 52.2767, 0.3114, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

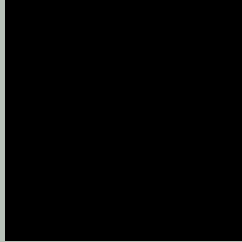
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

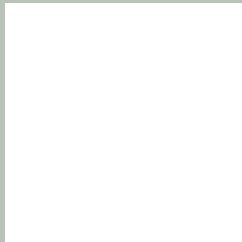
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2767, 0.3114, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 52.2767, 0.3114, 0.3404.



This preview shows how white text looks on a background with the Yxy color 52.2767, 0.3114, 0.3404.

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

52.2767, 0.3114, 0.3404

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

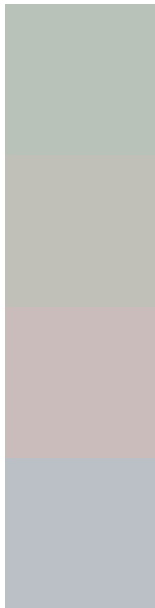
52.1347, 0.3332, 0.3267



Tritanopia

52.2826, 0.2985, 0.3105

Trichromacy



Original Color

52.2767, 0.3114, 0.3404

Protanomaly

51.9288, 0.3189, 0.3378

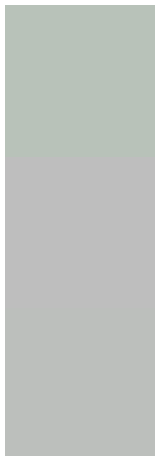
Deuteranomaly

51.9291, 0.3251, 0.3315

Tritanomaly

52.2156, 0.3035, 0.3215

Monochromacy



Original Color

52.2767, 0.3114, 0.3404

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5838, 0.3125, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2767, 0.3114, 0.3404 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(184, 194, 185)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 185)  
}
```

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(184, 194, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.2767, 0.3114, 0.3404 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(184, 194, 185) }
```

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

```
.border{ border-color:rgb(184, 194, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 185);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2767, 0.3114, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 185) }
```

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

```
.background{ background-color: rgb(184,  
194, 185) }
```

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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