

Converting Colors

Yxy(52.1534, 0.3186, 0.3597)

Have a look what the booklet for
Yxy(52.1534, 0.3186, 0.3597)
contains.

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Color

Yxy(52.2822, 0.3185, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	B5C4AC
RGB	181, 196, 172
RGB Percent	71%, 77%, 67%
CMY	0.2899, 0.2314, 0.3254
CMYK	0.08, 0.00, 0.12, 0.23
HSL	97°, 17%, 72%
HSV	97°, 12%, 77%
XYZ	46.2552, 52.2822, 46.6909
YIQ	188.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

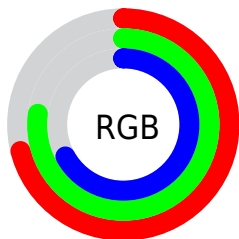
Format	Color
RYB	172, 196, 187
Decimal	11912364
CIELab	77.45, -9.51, 10.30
CIELCh	77, 14.020, 132.715
Yxy	52.2822, 0.3185, 0.3600
Android (android.graphics.Color)	4290102444 (0xFFB5C4AC)
YUV	188.7790, -8.2720, -6.8222
Hunter-Lab	72.3064, -12.3478, 12.3288

Details

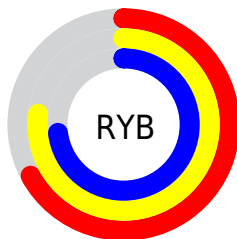
The Yxy color **52.2822, 0.3185, 0.3600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0527, 0.3062, 0.2985**, and the grayscale version is **50.8121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8011, 0.3178, 0.3552**, and **25.2913, 0.3195, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **50.1747, 0.3230, 0.3880**, and if you desaturate by 10%, it is **54.6344, 0.3138, 0.3344**.

Distribution



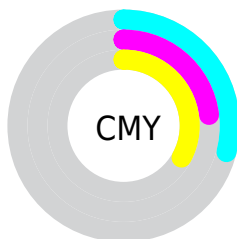
- Red (71%)
- Green (77%)
- Blue (67%)



- Red (67%)
- Yellow (77%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)





- Cyan (29%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2822, 0.3185, 0.3600 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 52.2822, 0.3185, 0.3600 by changing the saturation by 10% instead.


 52.2822, 0.3185,
0.3600

 52.2822, 0.3185,
0.3600

395.5251, 0.3158,
0.3445

 37.2301, 0.3191,
0.3639


 93.5473, 0.3176,
0.3544

 25.3857, 0.3199,
0.3688


120.5290, 0.3172,
0.3523

 16.3646, 0.3208,
0.3754


152.2561, 0.3169,
0.3505

 9.7825, 0.3221,
0.3845

189.1129, 0.3166,
0.3490

 5.2550, 0.3237,
0.3982

231.4838, 0.3164,
0.3476

 2.3977, 0.3257,
0.4205

279.7532, 0.3162,

 0.8247, 0.3550,

0.3465

0.5306

334.3055, 0.3160,
0.3454

0.0000, 0.0000,
0.0000

52.2822, 0.3185,
0.3600

52.2822, 0.3185,
0.3600

50.1747, 0.3230,
0.3880

54.6344, 0.3138,
0.3344

48.2970, 0.3271,
0.4180

57.2322, 0.3090,
0.3112

46.6427, 0.3305,
0.4492

60.0853, 0.3044,
0.2906

45.2026, 0.3327,
0.4805

63.2007, 0.3000,
0.2722

43.9668, 0.3335,
0.5103

65.5804, 0.3058,
0.2695

■ 42.9244, 0.3326,
0.5370

■ 67.8119, 0.3149,
0.2711

■ 42.0634, 0.3298,
0.5588

■ 67.9533, 0.3154,
0.2712

■ 41.3697, 0.3254,
0.5745

■ 40.9295, 0.3214,
0.5830

Harmonies

Analogous

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



52.2822, 0.3361, 0.3619



52.2822, 0.3185, 0.3600



52.2822, 0.2997, 0.3490

Triad

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



52.2822, 0.3185, 0.3600



52.2822, 0.2788, 0.3026



52.2822, 0.3413, 0.3249

Complementary

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



52.2822, 0.3185, 0.3600



44.0527, 0.3062, 0.2985

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.



52.2822, 0.3252, 0.3102



52.2822, 0.3185, 0.3600



52.2822, 0.2892, 0.2974

Square

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



52.2822, 0.3185, 0.3600



52.2822, 0.2772, 0.3152



52.2822, 0.3061, 0.3002



52.2822, 0.3496, 0.3410

Rectangle

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



52.2822, 0.3185, 0.3600



52.2822, 0.2890, 0.3382



52.2822, 0.3061, 0.3002



52.2822, 0.3366, 0.3196

Sweetspot

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



52.2845, 0.3185, 0.3600



98.1762, 0.3146, 0.3389



50.1677, 0.3322, 0.3477



20.9421, 0.3150, 0.3408



0.0000, 0.0000, 0.0000



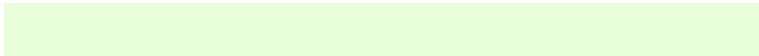
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2845, 0.3185, 0.3600



93.5380, 0.3199, 0.3682



51.3336, 0.3092, 0.3569



11.4400, 0.3172, 0.3524



26.3491, 0.3224, 0.5823



1.1780, 0.3407, 0.5677

Inverse Universe

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



44.0527, 0.3062, 0.2985



75.3396, 0.3044, 0.2906



45.1039, 0.3164, 0.3026



10.0514, 0.3079, 0.3059



5.2693, 0.2291, 0.1036



0.2661, 0.2497, 0.1149

Previews

White Background



This preview shows how the Yxy color 52.2822, 0.3185, 0.3600 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 52.2822, 0.3185, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

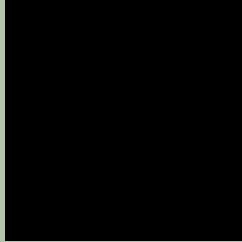
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

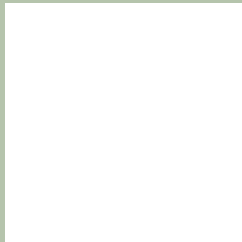
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2822, 0.3185, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 52.2822, 0.3185, 0.3600.



This preview shows how white text looks on a background with the Yxy color 52.2822, 0.3185, 0.3600.

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

52.2822, 0.3185, 0.3600

Protanopia

52.4055, 0.3374, 0.3564

Deuteranopia

51.9359, 0.3486, 0.3410



Tritanopia

52.1569, 0.2977, 0.3105

Trichromacy



Original Color

52.2822, 0.3185, 0.3600

Protanomaly

52.3797, 0.3303, 0.3580

Deuteranomaly

51.6801, 0.3373, 0.3475

Tritanomaly

52.2253, 0.3048, 0.3277

Monochromacy



Original Color

52.2822, 0.3185, 0.3600

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5573, 0.3146, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2822, 0.3185, 0.3600 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(181, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 172)  
}
```

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(181, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 172) }
```

Border

The CSS property to change the border of an element to Yxy 52.2822, 0.3185, 0.3600 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(181, 196, 172) }
```

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

```
.border{ border-color:rgb(181, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 196, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 196, 172); box-shadow:4px 4px 4px 4px rgb(181, 196, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2822, 0.3185, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 172) }
```

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

```
.background{ background-color: rgb(181,  
196, 172) }
```

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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