

Converting Colors

Yxy(53.6771, 0.3209, 0.3483)

Have a look what the booklet for
Yxy(53.6771, 0.3209, 0.3483)
contains.

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Color

Yxy(53.8515, 0.3206, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4B4
RGB	191, 196, 180
RGB Percent	75%, 77%, 71%
CMY	0.2509, 0.2314, 0.2940
CMYK	0.03, 0.00, 0.08, 0.23
HSL	79°, 12%, 74%
HSV	79°, 8%, 77%
XYZ	49.4693, 53.8515, 50.9815
YIQ	192.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

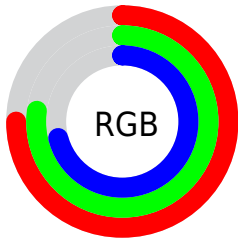
Format	Color
RYB	180, 196, 185
Decimal	12567732
CIELab	78.38, -4.59, 7.41
CIELCh	78, 8.721, 121.795
Yxy	53.8515, 0.3206, 0.3490
Android (android.graphics.Color)	4290757812 (0xFFBFC4B4)
YUV	192.6810, -6.2517, -1.4742
Hunter-Lab	73.3836, -8.0909, 10.1782

Details

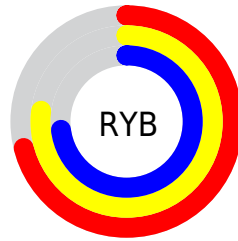
The Yxy color **53.8515, 0.3206, 0.3490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9547, 0.3044, 0.3087**, and the grayscale version is **53.1713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0808, 0.3189, 0.3457**, and **26.2816, 0.3234, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **52.3344, 0.3304, 0.3750**, and if you desaturate by 10%, it is **55.5193, 0.3109, 0.3246**.

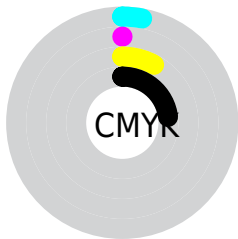
Distribution



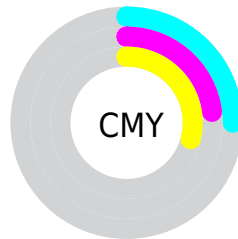
- Red (75%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8515, 0.3206, 0.3490 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 53.8515, 0.3206, 0.3490 by changing the saturation by 10% instead.

■ 53.8515, 0.3206,
0.3490

■ 53.8515, 0.3206,
0.3490

401.5435, 0.3168,
0.3392

■ 38.4830, 0.3215,
0.3514

■ 95.8562, 0.3192,
0.3455

■ 26.3577, 0.3227,
0.3545

123.2611, 0.3187,
0.3441

■ 17.0915, 0.3241,
0.3586

155.4469, 0.3183,
0.3430

■ 10.2997, 0.3262,
0.3642

192.7980, 0.3179,
0.3420

■ 5.5981, 0.3290,
0.3724

235.6989, 0.3176,
0.3411

■ 2.6023, 0.3334,
0.3855

284.5338, 0.3173,

■ 0.9278, 0.3515,

0.3404

0.4240

339.6872, 0.3170,
0.3397

0.0000, 0.0000,
0.0000

53.8515, 0.3206,
0.3490

53.8515, 0.3206,
0.3490

52.3344, 0.3304,
0.3750

55.5193, 0.3109,
0.3246

50.9559, 0.3399,
0.4021

57.3357, 0.3016,
0.3021

49.7128, 0.3489,
0.4296

59.3075, 0.2928,
0.2815

48.5994, 0.3568,
0.4567

61.2164, 0.2866,
0.2660

47.6092, 0.3631,
0.4821

62.1617, 0.2909,
0.2668

■ 46.7353, 0.3673,
0.5047

■ 63.1419, 0.2953,
0.2676

■ 45.9697, 0.3692,
0.5234

■ 64.1575, 0.2998,
0.2684

■ 45.3031, 0.3686,
0.5374

■ 65.2088, 0.3043,
0.2692

■ 44.7218, 0.3657,
0.5467

■ 66.2961, 0.3088,
0.2700

Harmonies

Analogous

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



53.8515, 0.3303, 0.3482



53.8515, 0.3206, 0.3490



53.8515, 0.3089, 0.3441

Triad

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



53.8515, 0.3206, 0.3490



53.8515, 0.2906, 0.3152



53.8515, 0.3271, 0.3230

Complementary

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



53.8515, 0.3206, 0.3490



46.9547, 0.3044, 0.3087

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.



53.8515, 0.3162, 0.3146



53.8515, 0.3206, 0.3490



53.8515, 0.2952, 0.3100

Square

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



53.8515, 0.3206, 0.3490



53.8515, 0.2917, 0.3243



53.8515, 0.3046, 0.3098



53.8515, 0.3342, 0.3331

Rectangle

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



53.8515, 0.3206, 0.3490



53.8515, 0.3016, 0.3384



53.8515, 0.3046, 0.3098



53.8515, 0.3238, 0.3199

Sweetspot

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



53.8538, 0.3206, 0.3490



99.3755, 0.3147, 0.3339



49.6542, 0.3260, 0.3350



21.2770, 0.3146, 0.3336



0.0000, 0.0000, 0.0000



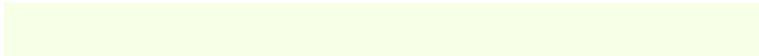
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8538, 0.3206, 0.3490



96.9880, 0.3226, 0.3541



52.8697, 0.3143, 0.3494



11.5957, 0.3218, 0.3521



28.7182, 0.3659, 0.5477



1.2760, 0.3782, 0.5379

Inverse Universe

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



46.9547, 0.3044, 0.3087



81.6181, 0.3022, 0.3034



47.9511, 0.3109, 0.3091



9.8969, 0.3031, 0.3055



3.2414, 0.1726, 0.0725



0.1774, 0.1984, 0.0867

Previews

White Background



This preview shows how the Yxy color 53.8515, 0.3206, 0.3490 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 53.8515, 0.3206, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

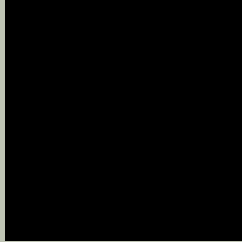
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

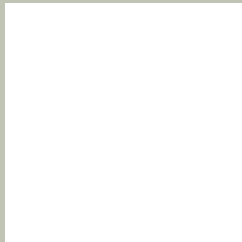
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8515, 0.3206, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 53.8515, 0.3206, 0.3490.



This preview shows how white text looks on a background with the Yxy color 53.8515, 0.3206, 0.3490.

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

53.8515, 0.3206, 0.3490

Protanopia

53.7718, 0.3308, 0.3474

Deuteranopia

53.6698, 0.3422, 0.3350



Tritanopia

53.8064, 0.3040, 0.3109

Trichromacy



Original Color

53.8515, 0.3206, 0.3490

Protanomaly

53.7086, 0.3265, 0.3476

Deuteranomaly

53.5730, 0.3348, 0.3399

Tritanomaly

53.6405, 0.3105, 0.3241

Monochromacy



Original Color

53.8515, 0.3206, 0.3490

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4209, 0.3156, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8515, 0.3206, 0.3490 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(191, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 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(191, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.8515, 0.3206, 0.3490 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(191, 196, 180) }
```

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

```
.border{ border-color:rgb(191, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 196, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 196, 180); box-shadow:4px 4px 4px 4px rgb(191, 196, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8515, 0.3206, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 180) }
```

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

```
.background{ background-color: rgb(191,  
196, 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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