

Converting Colors

Yxy(53.2689, 0.3087, 0.3494)

Have a look what the booklet for
Yxy(53.2689, 0.3087, 0.3494)
contains.

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Color

Yxy(53.2305, 0.3086, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6B6
RGB	178, 198, 182
RGB Percent	70%, 78%, 71%
CMY	0.3021, 0.2235, 0.2863
CMYK	0.10, 0.00, 0.08, 0.22
HSL	132°, 15%, 74%
HSV	132°, 10%, 78%
XYZ	46.9878, 53.2305, 52.0429
YIQ	190.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

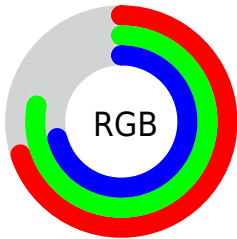
Format	Color
RYB	178, 195, 198
Decimal	11716278
CIELab	78.01, -9.87, 5.71
CIElCh	78, 11.401, 149.922
Yxy	53.2305, 0.3086, 0.3496
Android (android.graphics.Color)	4289906358 (0xFFB2C6B6)
YUV	190.1960, -4.0406, -10.6959
Hunter-Lab	72.9592, -12.7197, 8.7791

Details

The Yxy color **53.2305, 0.3086, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7252, 0.3171, 0.3092**, and the grayscale version is **51.6342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1855, 0.3094, 0.3460**, and **25.8915, 0.3073, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **50.4400, 0.3045, 0.3726**, and if you desaturate by 10%, it is **56.4376, 0.3127, 0.3293**.

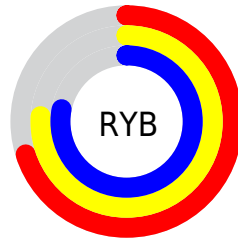
Distribution



Red (70%)

Green (78%)

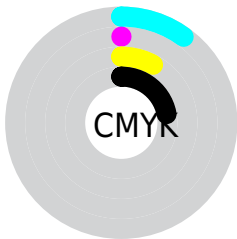
Blue (71%)



Red (70%)

Yellow (76%)

Blue (78%)

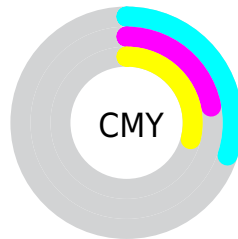


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (22%)



Cyan (30%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2305, 0.3086, 0.3496 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 53.2305, 0.3086, 0.3496 by changing the saturation by 10% instead.


 53.2305, 0.3086,
0.3496

 53.2305, 0.3086,
0.3496


399.1688, 0.3107,
0.3394

 37.9868, 0.3081,
0.3521


 94.9435, 0.3094,
0.3459

 25.9725, 0.3074,
0.3554


122.1815, 0.3097,
0.3445

 16.8030, 0.3065,
0.3597


154.1865, 0.3099,
0.3433

 10.0942, 0.3052,
0.3656

191.3428, 0.3101,
0.3423

 5.4614, 0.3032,
0.3744

234.0347, 0.3103,
0.3414

 2.5205, 0.2999,
0.3888

282.6468, 0.3104,

 0.8869, 0.2930,

0.3407

0.4315

337.5634, 0.3106,
0.3400

0.0000, 0.0000,
0.0000

53.2305, 0.3086,
0.3496

53.2305, 0.3086,
0.3496

50.4400, 0.3045,
0.3726

56.4376, 0.3127,
0.3293

48.0424, 0.3006,
0.3981

60.0703, 0.3166,
0.3114

46.0219, 0.2970,
0.4260

64.1461, 0.3204,
0.2959

44.3591, 0.2939,
0.4555

68.2670, 0.3223,
0.2822

43.0327, 0.2918,
0.4856

68.8767, 0.3153,
0.2732

■ 42.0193, 0.2907,
0.5147

■ 41.2921, 0.2909,
0.5413

■ 40.8200, 0.2924,
0.5637

■ 40.5482, 0.2946,
0.5805

Harmonies

Analogous

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



53.2305, 0.3239, 0.3555



53.2305, 0.3086, 0.3496



53.2305, 0.2947, 0.3377

Triad

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



53.2305, 0.3086, 0.3496



53.2305, 0.2893, 0.3044



53.2305, 0.3406, 0.3333

Complementary

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



53.2305, 0.3086, 0.3496



47.7252, 0.3171, 0.3092

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.



53.2305, 0.3309, 0.3203



53.2305, 0.3086, 0.3496



53.2305, 0.3011, 0.3038

Square

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



53.2305, 0.3086, 0.3496



53.2305, 0.2837, 0.3114



53.2305, 0.3163, 0.3096



53.2305, 0.3426, 0.3456

Rectangle

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



53.2305, 0.3086, 0.3496



53.2305, 0.2879, 0.3283



53.2305, 0.3163, 0.3096



53.2305, 0.3381, 0.3289

Sweetspot

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



53.2328, 0.3086, 0.3496



98.1903, 0.3115, 0.3349



55.0792, 0.3244, 0.3539



20.9158, 0.3112, 0.3365



0.0000, 0.0000, 0.0000



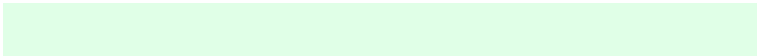
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2328, 0.3086, 0.3496



93.1750, 0.3078, 0.3541



53.6619, 0.3015, 0.3366



11.9221, 0.3089, 0.3480



26.3739, 0.2941, 0.5786



1.2594, 0.2832, 0.5395

Inverse Universe

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



47.7252, 0.3171, 0.3092



81.6173, 0.3181, 0.3051



47.2901, 0.3254, 0.3215



10.7787, 0.3168, 0.3107



9.4312, 0.3786, 0.1860



0.4561, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 53.2305, 0.3086, 0.3496 looks on a white background.

Color Contrast Check

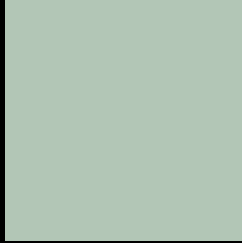
Large Text (above 18pt) WCAG AA × Fail

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 53.2305, 0.3086, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

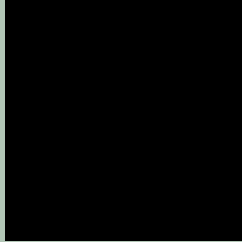
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

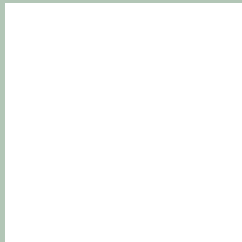
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2305, 0.3086, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 53.2305, 0.3086, 0.3496.



This preview shows how white text looks on a background with the Yxy color 53.2305, 0.3086, 0.3496.

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

53.2305, 0.3086, 0.3496

Protanopia

53.0961, 0.3285, 0.3451

Deuteranopia

52.8746, 0.3381, 0.3314



Tritanopia

53.1321, 0.2927, 0.3104

Trichromacy



Original Color

53.2305, 0.3086, 0.3496

Protanomaly

52.9552, 0.3208, 0.3466

Deuteranomaly

52.6633, 0.3273, 0.3376

Tritanomaly

52.9775, 0.2989, 0.3239

Monochromacy



Original Color

53.2305, 0.3086, 0.3496

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1669, 0.3116, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2305, 0.3086, 0.3496 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(178, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 182)  
}
```

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(178, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.2305, 0.3086, 0.3496 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(178, 198, 182) }
```

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

```
.border{ border-color:rgb(178, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2305, 0.3086, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 182) }
```

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

```
.background{ background-color: rgb(178,  
198, 182) }
```

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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