

Converting Colors

$Yxy(53.5726, 0.3223, 0.3758)$

Have a look what the booklet for
Yxy(53.5726, 0.3223, 0.3758)
contains.

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Color

Yxy(53.5726, 0.3223, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	B3C8A4
RGB	179, 200, 164
RGB Percent	70%, 78%, 64%
CMY	0.2980, 0.2157, 0.3569
CMYK	0.10, 0.00, 0.18, 0.22
HSL	95°, 25%, 71%
HSV	95°, 18%, 78%
XYZ	45.9458, 53.5726, 43.0377
YIQ	189.6170, -0.9600, -15.6480

Conversions

Conversions Part 2

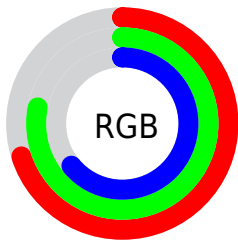
Format	Color
RYB	164, 200, 185
Decimal	11782308
CIELab	78.21, -13.68, 15.66
CIELCh	78, 20.789, 131.138
Yxy	53.5726, 0.3223, 0.3758
Android (android.graphics.Color)	4289972388 (0xFFB3C8A4)
YUV	189.6170, -12.6292, -9.3111
Hunter-Lab	73.1933, -16.0380, 16.3728

Details

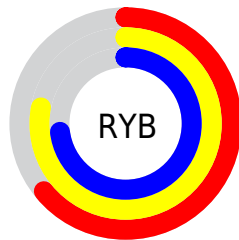
The Yxy color **53.5726, 0.3223, 0.3758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0329, 0.3014, 0.2830**, and the grayscale version is **51.3365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2966, 0.3210, 0.3655**, and **26.1632, 0.3245, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **51.5767, 0.3273, 0.4048**, and if you desaturate by 10%, it is **55.8043, 0.3170, 0.3489**.

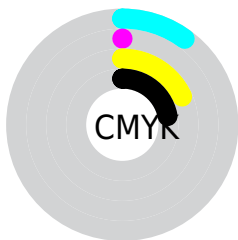
Distribution



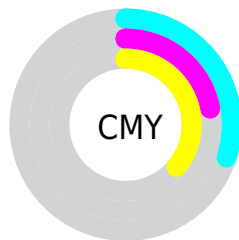
- Red (70%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5726, 0.3223, 0.3758 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 53.5726, 0.3223, 0.3758 by changing the saturation by 10% instead.

■ 53.5726, 0.3223,
0.3758

■ 53.5726, 0.3223,
0.3758

400.4781, 0.3179,
0.3524

■ 38.2601, 0.3233,
0.3816

■ 95.4464, 0.3208,
0.3673

■ 26.1846, 0.3244,
0.3891

■ 122.7765, 0.3202,
0.3641

■ 16.9618, 0.3258,
0.3991

154.8812, 0.3197,
0.3614

■ 10.2073, 0.3276,
0.4130

192.1449, 0.3193,
0.3591

■ 5.5366, 0.3296,
0.4336

234.9521, 0.3189,
0.3571

■ 2.5654, 0.3315,
0.4670

283.6871, 0.3185,

■ 0.9093, 0.3683,

0.3553

0.6317

338.7343, 0.3182,
0.3538

0.0000, 0.0000,
0.0000

53.5726, 0.3223,
0.3758

53.5726, 0.3223,
0.3758

51.5767, 0.3273,
0.4048

55.8043, 0.3170,
0.3489

49.8015, 0.3316,
0.4352

58.2727, 0.3116,
0.3243

48.2405, 0.3349,
0.4662

60.9874, 0.3064,
0.3021

46.8845, 0.3369,
0.4963

63.9553, 0.3012,
0.2823

45.7231, 0.3371,
0.5239

66.5902, 0.3023,
0.2730

■ 44.7451, 0.3355,
0.5474

■ 68.6672, 0.3108,
0.2745

■ 43.9377, 0.3318,
0.5654

■ 69.7904, 0.3152,
0.2752

■ 43.2834, 0.3267,
0.5775

■ 43.1664, 0.3257,
0.5796

Harmonies

Analogous

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



53.5726, 0.3481, 0.3773



53.5726, 0.3223, 0.3758



53.5726, 0.2948, 0.3600

Triad

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



53.5726, 0.3223, 0.3758



53.5726, 0.2629, 0.2908



53.5726, 0.3539, 0.3214

Complementary

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



53.5726, 0.3223, 0.3758



41.0329, 0.3014, 0.2830

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.



53.5726, 0.3294, 0.3007



53.5726, 0.3223, 0.3758



53.5726, 0.2772, 0.2832

Square

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



53.5726, 0.3223, 0.3758



53.5726, 0.2613, 0.3094



53.5726, 0.3012, 0.2870



53.5726, 0.3670, 0.3447

Rectangle

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



53.5726, 0.3223, 0.3758



53.5726, 0.2791, 0.3438



53.5726, 0.3012, 0.2870



53.5726, 0.3467, 0.3140

Sweetspot

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



53.5749, 0.3223, 0.3758



97.8229, 0.3154, 0.3414



49.4075, 0.3428, 0.3547



20.8745, 0.3158, 0.3432



0.0000, 0.0000, 0.0000



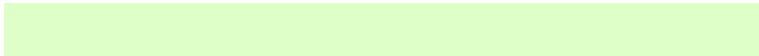
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5749, 0.3223, 0.3758



91.2136, 0.3245, 0.3881



51.9701, 0.3088, 0.3742



12.1002, 0.3178, 0.3524



27.4955, 0.3267, 0.5788



1.3442, 0.3436, 0.5654

Inverse Universe

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



41.0329, 0.3014, 0.2830



65.1122, 0.2982, 0.2712



42.8879, 0.3168, 0.2876



10.5878, 0.3072, 0.3058



5.0935, 0.2203, 0.0987



0.2830, 0.2410, 0.1101

Previews

White Background



This preview shows how the Yxy color 53.5726, 0.3223, 0.3758 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 53.5726, 0.3223, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

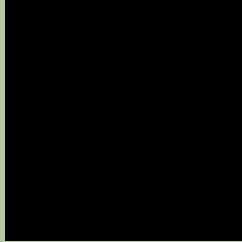
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

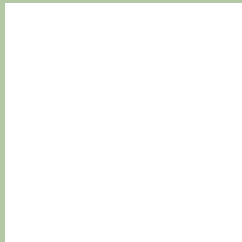
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5726, 0.3223, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 53.5726, 0.3223, 0.3758.



This preview shows how white text looks on a background with the Yxy color 53.5726, 0.3223, 0.3758.

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

53.5726, 0.3223, 0.3758

Protanopia

53.5154, 0.3476, 0.3697

Deuteranopia

53.2800, 0.3585, 0.3514



Tritanopia

53.6261, 0.2957, 0.3106

Trichromacy



Original Color

53.5726, 0.3223, 0.3758

Protanomaly

53.6552, 0.3384, 0.3730

Deuteranomaly

53.1366, 0.3450, 0.3596

Tritanomaly

53.3974, 0.3047, 0.3327

Monochromacy



Original Color

53.5726, 0.3223, 0.3758

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3589, 0.3160, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5726, 0.3223, 0.3758 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(179, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 164)  
}
```

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(179, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 164) }
```

Border

The CSS property to change the border of an element to Yxy 53.5726, 0.3223, 0.3758 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(179, 200, 164) }
```

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

```
.border{ border-color:rgb(179, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(179, 200,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5726, 0.3223, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 164) }
```

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

```
.background{ background-color: rgb(179,  
200, 164) }
```

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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