

Converting Colors

Yxy(53.4767, 0.3274, 0.3718)

Have a look what the booklet for
Yxy(53.4767, 0.3274, 0.3718)
contains.

Yxy(53.5439, 0.3275, 0.3713)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5439, 0.3275, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	BAC6A5
RGB	186, 198, 165
RGB Percent	73%, 78%, 65%
CMY	0.2707, 0.2235, 0.3530
CMYK	0.06, 0.00, 0.17, 0.22
HSL	82°, 22%, 71%
HSV	82°, 17%, 78%
XYZ	47.2277, 53.5439, 43.4350
YIQ	190.6500, 3.4410, -12.8070

Conversions

Conversions Part 2

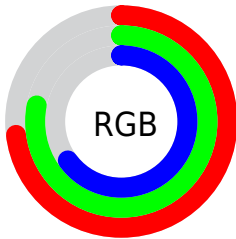
Format	Color
RYB	165, 198, 177
Decimal	12240549
CIELab	78.20, -9.99, 15.18
CIELCh	78, 18.169, 123.348
Yxy	53.5439, 0.3275, 0.3713
Android (android.graphics.Color)	4290430629 (0xFFBAC6A5)
YUV	190.6500, -12.6455, -4.0781
Hunter-Lab	73.1737, -12.8468, 16.0278

Details

The Yxy color **53.5439, 0.3275, 0.3713** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3339, 0.2961, 0.2858**, and the grayscale version is **51.9577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5646, 0.3249, 0.3640**, and **26.1253, 0.3316, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **51.9983, 0.3362, 0.3986**, and if you desaturate by 10%, it is **55.2516, 0.3186, 0.3454**.

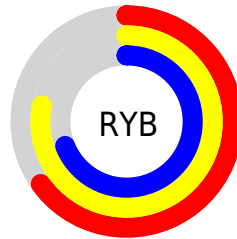
Distribution



Red (73%)

Green (78%)

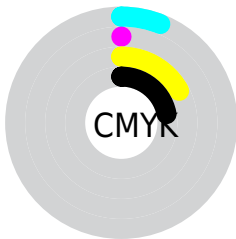
Blue (65%)



Red (65%)

Yellow (78%)

Blue (69%)

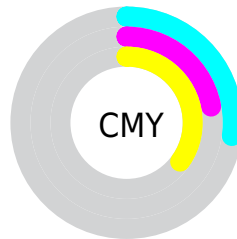


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5439, 0.3275, 0.3713 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 53.5439, 0.3275, 0.3713 by changing the saturation by 10% instead.

■ 53.5439, 0.3275,
0.3713

■ 53.5439, 0.3275,
0.3713

400.3684, 0.3205,
0.3502

■ 38.2371, 0.3291,
0.3765

■ 95.4042, 0.3250,
0.3637

■ 26.1668, 0.3311,
0.3832

■ 122.7266, 0.3241,
0.3608

■ 16.9485, 0.3337,
0.3920

154.8229, 0.3233,
0.3584

■ 10.1978, 0.3371,
0.4043

192.0777, 0.3226,
0.3563

■ 5.5303, 0.3415,
0.4223

234.8752, 0.3220,
0.3545

■ 2.5616, 0.3475,
0.4513

283.5999, 0.3214,

■ 0.9074, 0.4053,

0.3529

0.5947

338.6361, 0.3209,
0.3515

0.0000, 0.0000,
0.0000

53.5439, 0.3275,
0.3713

53.5439, 0.3275,
0.3713

51.9983, 0.3362,
0.3986

55.2516, 0.3186,
0.3454

50.6020, 0.3443,
0.4267

57.1197, 0.3098,
0.3212

49.3510, 0.3515,
0.4547

59.1559, 0.3013,
0.2990

48.2387, 0.3571,
0.4814

61.3649, 0.2932,
0.2788

47.2578, 0.3608,
0.5055

63.1586, 0.2914,
0.2690

■ 46.3999, 0.3622,
0.5259

■ 64.3246, 0.2965,
0.2699

■ 45.6555, 0.3611,
0.5415

■ 65.5399, 0.3018,
0.2709

■ 45.0124, 0.3578,
0.5522

■ 66.8054, 0.3070,
0.2718

■ 44.8139, 0.3564,
0.5552

■ 68.1215, 0.3124,
0.2727

Harmonies

Analogous

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



53.5439, 0.3485, 0.3695



53.5439, 0.3275, 0.3713



53.5439, 0.3032, 0.3605

Triad

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



53.5439, 0.3275, 0.3713



53.5439, 0.2675, 0.2991



53.5439, 0.3439, 0.3173

Complementary

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



53.5439, 0.3275, 0.3713



40.3339, 0.2961, 0.2858

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.



53.5439, 0.3210, 0.3003



53.5439, 0.3275, 0.3713



53.5439, 0.2774, 0.2895

Square

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



53.5439, 0.3275, 0.3713



53.5439, 0.2691, 0.3174



53.5439, 0.2967, 0.2902



53.5439, 0.3583, 0.3377

Rectangle

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



53.5439, 0.3275, 0.3713



53.5439, 0.2883, 0.3477



53.5439, 0.2967, 0.2902



53.5439, 0.3369, 0.3111

Sweetspot

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



53.5462, 0.3275, 0.3713



98.3343, 0.3172, 0.3414



45.9890, 0.3418, 0.3438



20.9988, 0.3178, 0.3431



0.0000, 0.0000, 0.0000



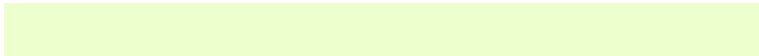
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5462, 0.3275, 0.3713



93.7800, 0.3307, 0.3811



51.6508, 0.3145, 0.3730



12.2161, 0.3210, 0.3522



29.1882, 0.3572, 0.5546



1.4220, 0.3703, 0.5441

Inverse Universe

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



40.3339, 0.2961, 0.2858



66.0312, 0.2919, 0.2755



42.3282, 0.3102, 0.2876



10.4727, 0.3039, 0.3055



3.5979, 0.1799, 0.0765



0.2113, 0.2042, 0.0898

Previews

White Background



This preview shows how the Yxy color 53.5439, 0.3275, 0.3713 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 53.5439, 0.3275, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

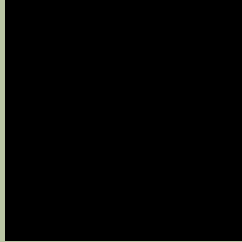
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

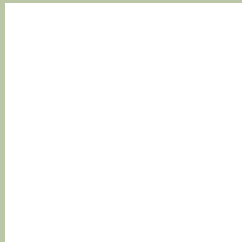
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5439, 0.3275, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 53.5439, 0.3275, 0.3713.



This preview shows how white text looks on a background with the Yxy color 53.5439, 0.3275, 0.3713.

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

53.5439, 0.3275, 0.3713

Protanopia

53.5859, 0.3460, 0.3672

Deuteranopia

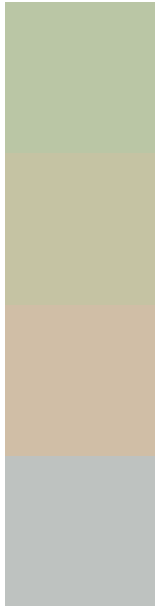
53.2800, 0.3585, 0.3514



Tritanopia

53.4107, 0.3017, 0.3108

Trichromacy



Original Color

53.5439, 0.3275, 0.3713

Protanomaly

53.5449, 0.3388, 0.3690

Deuteranomaly

52.9900, 0.3469, 0.3583

Tritanomaly

53.3365, 0.3110, 0.3315

Monochromacy



Original Color

53.5439, 0.3275, 0.3713

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7798, 0.3177, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5439, 0.3275, 0.3713 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(186, 198, 165)` looks like.

```
.text, #text, p{  
    color:rgb(186, 198, 165)  
}
```

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(186, 198, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 198, 165) }
```

Border

The CSS property to change the border of an element to Yxy 53.5439, 0.3275, 0.3713 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(186, 198, 165) }
```

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

```
.border{ border-color:rgb(186, 198, 165) }
```

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

Here you see how a box with a 4 pixel rgb(186, 198, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 198, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 198, 165);  
box-shadow:4px 4px 4px 4px rgb(186, 198,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5439, 0.3275, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 198, 165) }
```

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

```
.background{ background-color: rgb(186,  
198, 165) }
```

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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