

Converting Colors

Yxy(53.7039, 0.3216, 0.3465)

Have a look what the booklet for
Yxy(53.7039, 0.3216, 0.3465)
contains.

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Color

Yxy(53.7039, 0.3216, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	C1C3B5
RGB	193, 195, 181
RGB Percent	76%, 76%, 71%
CMY	0.2432, 0.2353, 0.2903
CMYK	0.01, 0.00, 0.07, 0.24
HSL	69°, 10%, 74%
HSV	69°, 7%, 76%
XYZ	49.8447, 53.7039, 51.4411
YIQ	192.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

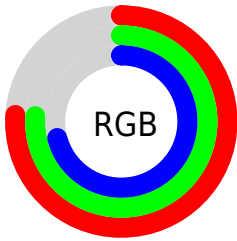
Format	Color
RYB	181, 195, 183
Decimal	12698549
CIELab	78.29, -3.21, 6.80
CIELCh	78, 7.517, 115.263
Yxy	53.7039, 0.3216, 0.3465
Android (android.graphics.Color)	4290888629 (0xFFC1C3B5)
YUV	192.8060, -5.8204, 0.1701
Hunter-Lab	73.2829, -6.8353, 9.6794

Details

The Yxy color **53.7039, 0.3216, 0.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0445, 0.3035, 0.3111**, and the grayscale version is **53.2418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8750, 0.3196, 0.3437**, and **26.0972, 0.3237, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **52.5966, 0.3342, 0.3718**, and if you desaturate by 10%, it is **54.9348, 0.3093, 0.3224**.

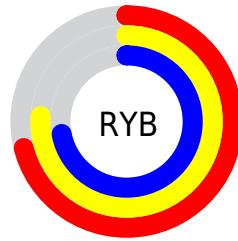
Distribution



Red (76%)

Green (76%)

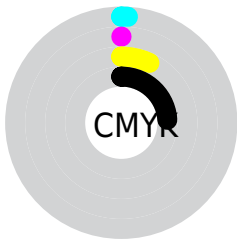
Blue (71%)



Red (71%)

Yellow (76%)

Blue (72%)

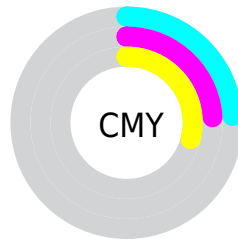


Cyan (1%)

Magenta (0%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7039, 0.3216, 0.3465 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 53.7039, 0.3216, 0.3465 by changing the saturation by 10% instead.

■ 53.7039, 0.3216,
0.3465

■ 53.7039, 0.3216,
0.3465

400.9799, 0.3173,
0.3379

■ 38.3650, 0.3226,
0.3486

■ 95.6393, 0.3201,
0.3434

■ 26.2661, 0.3240,
0.3513

123.0047, 0.3195,
0.3422

■ 17.0228, 0.3257,
0.3548

155.1476, 0.3190,
0.3412

■ 10.2508, 0.3280,
0.3597

192.4525, 0.3185,
0.3404

■ 5.5655, 0.3313,
0.3668

235.3038, 0.3182,
0.3396

■ 2.5827, 0.3365,
0.3781

284.0858, 0.3178,

■ 0.9180, 0.3551,

0.3390

0.4106

339.1831, 0.3176,
0.3384

0.0000, 0.0000,
0.0000

53.7039, 0.3216,
0.3465

53.7039, 0.3216,
0.3465

52.5966, 0.3342,
0.3718

54.9348, 0.3093,
0.3224

51.6014, 0.3467,
0.3977

56.2868, 0.2976,
0.2998

50.7155, 0.3588,
0.4234

57.7664, 0.2865,
0.2788

49.9336, 0.3698,
0.4481

59.1186, 0.2787,
0.2635

49.2498, 0.3793,
0.4707

59.5181, 0.2806,
0.2639

■ 48.6577, 0.3868,
0.4902

■ 59.9248, 0.2826,
0.2642

■ 48.1498, 0.3918,
0.5057

■ 60.3387, 0.2845,
0.2646

■ 47.7178, 0.3943,
0.5168

■ 60.7599, 0.2865,
0.2649

■ 47.3496, 0.3943,
0.5237

■ 61.1882, 0.2885,
0.2653

Harmonies

Analogous

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



53.7039, 0.3293, 0.3448



53.7039, 0.3216, 0.3465



53.7039, 0.3117, 0.3433

Triad

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



53.7039, 0.3216, 0.3465



53.7039, 0.2934, 0.3186



53.7039, 0.3233, 0.3220

Complementary

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



53.7039, 0.3216, 0.3465



47.0445, 0.3035, 0.3111

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.



53.7039, 0.3136, 0.3153



53.7039, 0.3216, 0.3465



53.7039, 0.2964, 0.3132

Square

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



53.7039, 0.3216, 0.3465



53.7039, 0.2955, 0.3270



53.7039, 0.3037, 0.3121



53.7039, 0.3303, 0.3306

Rectangle

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



53.7039, 0.3216, 0.3465



53.7039, 0.3051, 0.3388



53.7039, 0.3037, 0.3121



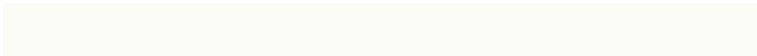
53.7039, 0.3202, 0.3195

Sweetspot

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



53.7062, 0.3216, 0.3465



97.2882, 0.3152, 0.3339



48.7424, 0.3246, 0.3314



21.3099, 0.3151, 0.3336



0.0000, 0.0000, 0.0000



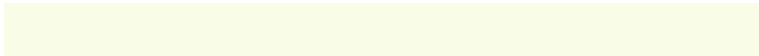
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7062, 0.3216, 0.3465



95.7763, 0.3240, 0.3513



52.8238, 0.3160, 0.3468



11.6827, 0.3243, 0.3519



30.7361, 0.3945, 0.5250



1.3485, 0.4004, 0.5203

Inverse Universe

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



47.0445, 0.3035, 0.3111



80.8221, 0.3008, 0.3059



47.9080, 0.3092, 0.3114



9.8158, 0.3005, 0.3054



2.7437, 0.1563, 0.0635



0.1414, 0.1736, 0.0730

Previews

White Background



This preview shows how the Yxy color 53.7039, 0.3216, 0.3465 looks on a white background.

Color Contrast Check

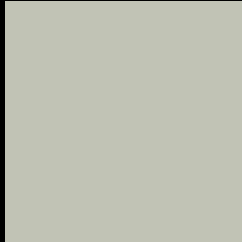
Large Text (above 18pt) WCAG AA × Fail

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 53.7039, 0.3216, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

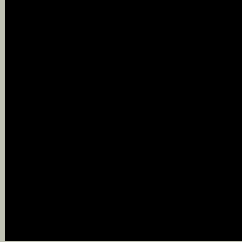
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

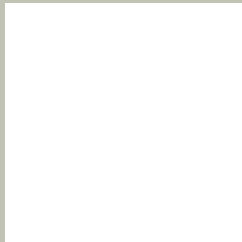
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7039, 0.3216, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 53.7039, 0.3216, 0.3465.



This preview shows how white text looks on a background with the Yxy color 53.7039, 0.3216, 0.3465.

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

53.7039, 0.3216, 0.3465

Protanopia

53.7146, 0.3284, 0.3450

Deuteranopia

53.5585, 0.3405, 0.3338



Tritanopia

53.5882, 0.3064, 0.3109

Trichromacy



Original Color

53.7039, 0.3216, 0.3465

Protanomaly

53.7492, 0.3258, 0.3463

Deuteranomaly

53.6142, 0.3340, 0.3387

Tritanomaly

53.4663, 0.3122, 0.3229

Monochromacy



Original Color

53.7039, 0.3216, 0.3465

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5952, 0.3156, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7039, 0.3216, 0.3465 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(193, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 181)  
}
```

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(193, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.7039, 0.3216, 0.3465 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(193, 195, 181) }
```

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

```
.border{ border-color:rgb(193, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7039, 0.3216, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 181) }
```

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

```
.background{ background-color: rgb(193,  
195, 181) }
```

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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