

Converting Colors

Yxy(53.3689, 0.3283, 0.3437)

Have a look what the booklet for
Yxy(53.3689, 0.3283, 0.3437)
contains.

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Color

Yxy(53.2739, 0.3285, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	C8C0B4
RGB	200, 192, 180
RGB Percent	78%, 75%, 71%
CMY	0.2158, 0.2470, 0.2941
CMYK	0.00, 0.04, 0.10, 0.22
HSL	36°, 15%, 75%
HSV	36°, 10%, 78%
XYZ	50.9031, 53.2739, 50.7791
YIQ	193.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

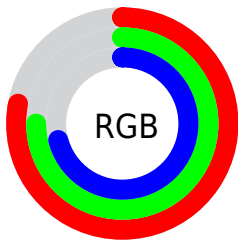
Format	Color
RYB	193, 200, 180
Decimal	13156532
CIELab	78.04, 0.71, 7.03
CIElCh	78, 7.070, 84.209
Yxy	53.2739, 0.3285, 0.3438
Android (android.graphics.Color)	4291346612 (0xFFC8C0B4)
YUV	193.0240, -6.4208, 6.1180
Hunter-Lab	72.9890, -3.2434, 9.8437

Details

The Yxy color $53.2739, 0.3285, 0.3438$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.8256, 0.2974, 0.3137$, and the grayscale version is $53.3776, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4509, 0.3244, 0.3407$, and $26.1085, 0.3330, 0.3489$ is the 20% darker color. If you saturate the color by 10%, you get $49.1105, 0.3462, 0.3594$, and if you desaturate by 10%, it is $57.7494, 0.3127, 0.3290$.

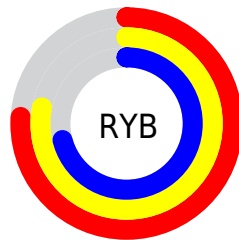
Distribution



Red (78%)

Green (75%)

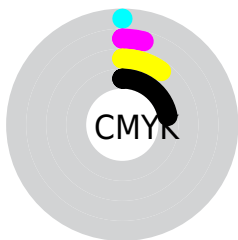
Blue (71%)



Red (76%)

Yellow (78%)

Blue (71%)

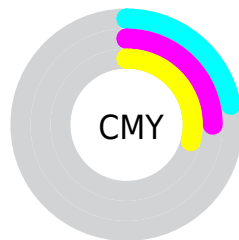


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2739, 0.3285, 0.3438 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 53.2739, 0.3285, 0.3438 by changing the saturation by 10% instead.

 53.2739, 0.3285,
0.3438

 53.2739, 0.3285,
0.3438


399.3351, 0.3208,
0.3366

 38.0215, 0.3304,
0.3456


 95.0073, 0.3257,
0.3412

 25.9994, 0.3328,
0.3478


122.2570, 0.3247,
0.3402

 16.8232, 0.3359,
0.3507


154.2747, 0.3238,
0.3394

 10.1085, 0.3402,
0.3547

191.4446, 0.3230,
0.3387

 5.4709, 0.3464,
0.3604

234.1512, 0.3223,
0.3381

 2.5261, 0.3563,
0.3694

282.7789, 0.3218,

 0.8897, 0.3871,

0.3375

0.3990

337.7121, 0.3212,
0.3370

0.0000, 0.0000,
0.0000

53.2739, 0.3285,
0.3438

53.2739, 0.3285,
0.3438

49.1105, 0.3462,
0.3594

57.7494, 0.3127,
0.3290

45.2443, 0.3657,
0.3753

62.5376, 0.2987,
0.3151

41.6690, 0.3869,
0.3911

67.6482, 0.2863,
0.3022

38.3759, 0.4095,
0.4061

72.7624, 0.2781,
0.2954

35.3553, 0.4328,
0.4191

77.1486, 0.2787,
0.3042

■ 32.5968, 0.4558,
0.4291

■ 81.7386, 0.2794,
0.3129

■ 30.0890, 0.4773,
0.4349

■ 86.5350, 0.2800,
0.3214

■ 27.8188, 0.4961,
0.4356

■ 91.0167, 0.2805,
0.3289

■ 25.7646, 0.5120,
0.4317

Harmonies

Analogous

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



53.2739, 0.3313, 0.3382



53.2739, 0.3285, 0.3438



53.2739, 0.3214, 0.3455

Triad

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



53.2739, 0.3285, 0.3438



53.2739, 0.2966, 0.3274



53.2739, 0.3132, 0.3159

Complementary

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



53.2739, 0.3285, 0.3438



49.8256, 0.2974, 0.3137

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.



53.2739, 0.3039, 0.3130



53.2739, 0.3285, 0.3438



53.2739, 0.2944, 0.3195

Square

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



53.2739, 0.3285, 0.3438



53.2739, 0.3030, 0.3360



53.2739, 0.2971, 0.3142



53.2739, 0.3224, 0.3222

Rectangle

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



53.2739, 0.3285, 0.3438



53.2739, 0.3153, 0.3441



53.2739, 0.2971, 0.3142



53.2739, 0.3100, 0.3145

Sweetspot

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



53.2762, 0.3285, 0.3438



97.5858, 0.3173, 0.3334



48.5496, 0.3235, 0.3192



20.7511, 0.3186, 0.3346



0.0000, 0.0000, 0.0000



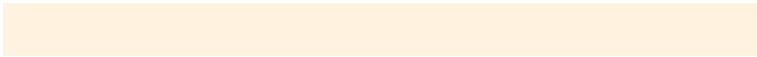
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2762, 0.3285, 0.3438



90.6425, 0.3322, 0.3471



56.5982, 0.3258, 0.3535



11.6797, 0.3275, 0.3429



16.5636, 0.5103, 0.4330



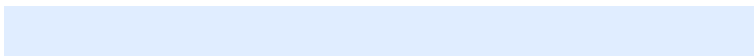
0.9231, 0.4865, 0.4519

Inverse Universe

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



49.8256, 0.2974, 0.3137



83.4708, 0.2939, 0.3102



46.7564, 0.2989, 0.3036



10.9701, 0.2983, 0.3147



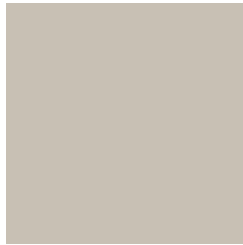
6.4425, 0.1688, 0.1276



0.4461, 0.1805, 0.1698

Previews

White Background



This preview shows how the Yxy color 53.2739, 0.3285, 0.3438 looks on a white background.

Color Contrast Check

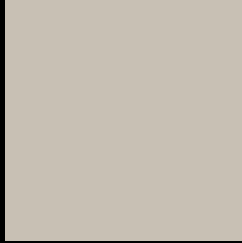
Large Text (above 18pt) WCAG AA × Fail

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 53.2739, 0.3285, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

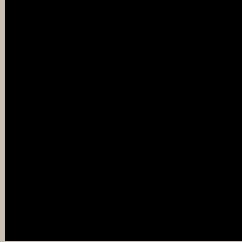
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

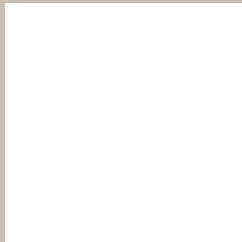
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2739, 0.3285, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 53.2739, 0.3285, 0.3438.

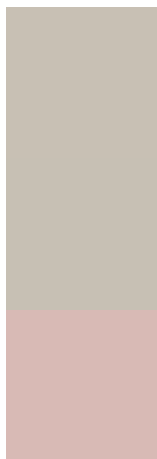


This preview shows how white text looks on a background with the Yxy color 53.2739, 0.3285, 0.3438.

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

53.2739, 0.3285, 0.3438

Protanopia

53.1367, 0.3277, 0.3438

Deuteranopia

53.0529, 0.3424, 0.3350



Tritanopia

53.4035, 0.3135, 0.3123

Trichromacy



Original Color

53.2739, 0.3285, 0.3438

Protanomaly

53.1367, 0.3277, 0.3438

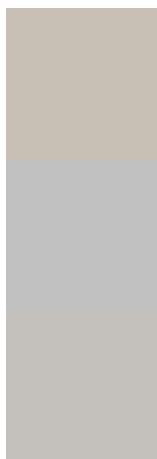
Deuteranomaly

53.0043, 0.3368, 0.3375

Tritanomaly

53.3236, 0.3187, 0.3230

Monochromacy



Original Color

53.2739, 0.3285, 0.3438

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5065, 0.3189, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2739, 0.3285, 0.3438 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(200, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(200, 192, 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(200, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.2739, 0.3285, 0.3438 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(200, 192, 180) }
```

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

```
.border{ border-color:rgb(200, 192, 180) }
```

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

Here you see how a box with a 4 pixel rgb(200, 192, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2739, 0.3285, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 180) }
```

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

```
.background{ background-color: rgb(200,  
192, 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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