

Converting Colors

$Yxy(52.8607, 0.3255, 0.3438)$

Have a look what the booklet for
Yxy(52.8607, 0.3255, 0.3438)
contains.

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Color

Yxy(52.8649, 0.3260, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C5C0B4
RGB	197, 192, 180
RGB Percent	77%, 75%, 71%
CMY	0.2275, 0.2470, 0.2941
CMYK	0.00, 0.03, 0.09, 0.23
HSL	42°, 13%, 74%
HSV	42°, 9%, 77%
XYZ	50.1133, 52.8649, 50.7435
YIQ	192.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

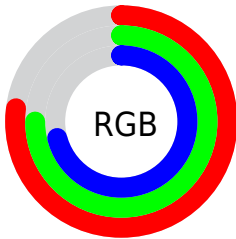
Format	Color
RYB	187, 197, 180
Decimal	12959924
CIELab	77.80, -0.36, 6.65
CIELCh	78, 6.664, 93.076
Yxy	52.8649, 0.3260, 0.3439
Android (android.graphics.Color)	4291150004 (0xFFC5C0B4)
YUV	192.1270, -5.9786, 4.2736
Hunter-Lab	72.7083, -4.2105, 9.5169

Details

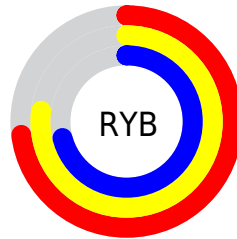
The Yxy color **52.8649, 0.3260, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4305, 0.2995, 0.3136**, and the grayscale version is **52.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2618, 0.3238, 0.3407**, and **25.8372, 0.3296, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **49.6291, 0.3428, 0.3619**, and if you desaturate by 10%, it is **56.3194, 0.3107, 0.3267**.

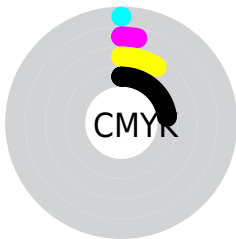
Distribution



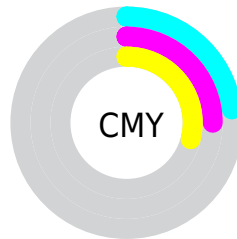
- Red (77%)
- Green (75%)
- Blue (71%)



- Red (73%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (23%)




- Cyan (23%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8649, 0.3260, 0.3439 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 52.8649, 0.3260, 0.3439 by changing the saturation by 10% instead.

 52.8649, 0.3260,
0.3439

 52.8649, 0.3260,
0.3439

397.7666, 0.3195,
0.3366

 37.6949, 0.3276,
0.3457


 94.4055, 0.3237,
0.3413

 25.7460, 0.3296,
0.3479


121.5450, 0.3228,
0.3403

 16.6337, 0.3322,
0.3509


153.4431, 0.3220,
0.3394

 9.9737, 0.3359,
0.3550

190.4842, 0.3214,
0.3387

 5.3815, 0.3411,
0.3609

233.0527, 0.3208,
0.3381

 2.4728, 0.3494,
0.3703

281.5330, 0.3203,

 0.8630, 0.3776,

0.3375

0.4016

336.3095, 0.3199,
0.3370

0.0000, 0.0000,
0.0000

52.8649, 0.3260,
0.3439

52.8649, 0.3260,
0.3439

49.6291, 0.3428,
0.3619

56.3194, 0.3107,
0.3267

46.5990, 0.3609,
0.3803

59.9912, 0.2969,
0.3105

43.7708, 0.3800,
0.3986

63.8881, 0.2845,
0.2955

41.1377, 0.3998,
0.4159

67.7678, 0.2755,
0.2854

38.6925, 0.4196,
0.4313

70.7697, 0.2760,
0.2919

■ 36.4272, 0.4385,
0.4438

■ 73.8770, 0.2765,
0.2984

■ 34.3330, 0.4556,
0.4522

■ 77.0906, 0.2770,
0.3048

■ 32.3997, 0.4700,
0.4558

■ 80.4116, 0.2775,
0.3111

■ 30.6114, 0.4816,
0.4549

■ 83.8409, 0.2780,
0.3173

Harmonies

Analogous

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



52.8649, 0.3300, 0.3395



52.8649, 0.3260, 0.3439



52.8649, 0.3184, 0.3442

Triad

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



52.8649, 0.3260, 0.3439



52.8649, 0.2964, 0.3251



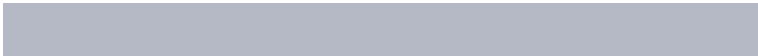
52.8649, 0.3158, 0.3181

Complementary

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



52.8649, 0.3260, 0.3439



48.4305, 0.2995, 0.3136

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.



52.8649, 0.3068, 0.3143



52.8649, 0.3260, 0.3439



52.8649, 0.2957, 0.3182

Square

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



52.8649, 0.3260, 0.3439



52.8649, 0.3014, 0.3333



52.8649, 0.2995, 0.3143



52.8649, 0.3241, 0.3247

Rectangle

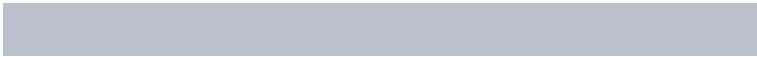
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.8649, 0.3260, 0.3439



52.8649, 0.3124, 0.3421



52.8649, 0.2995, 0.3143



52.8649, 0.3128, 0.3164

Sweetspot

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



52.8672, 0.3260, 0.3439



98.0917, 0.3173, 0.3342



48.0208, 0.3233, 0.3227



20.8878, 0.3185, 0.3356



0.0000, 0.0000, 0.0000



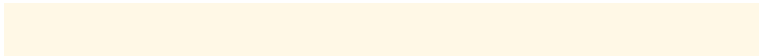
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8672, 0.3260, 0.3439



93.7790, 0.3285, 0.3466



54.6431, 0.3226, 0.3501



11.8704, 0.3272, 0.3453



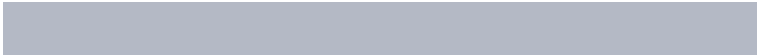
20.1295, 0.4821, 0.4554



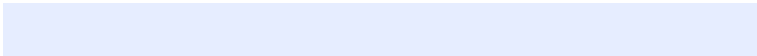
1.0741, 0.4661, 0.4681

Inverse Universe

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



48.4305, 0.2995, 0.3136



84.5229, 0.2971, 0.3108



46.7915, 0.3023, 0.3073



10.7867, 0.2983, 0.3122



4.7602, 0.1611, 0.0998



0.3533, 0.1730, 0.1429

Previews

White Background



This preview shows how the Yxy color 52.8649, 0.3260, 0.3439 looks on a white background.

Color Contrast Check

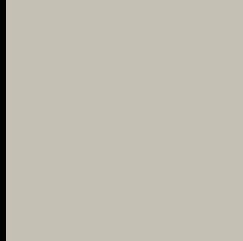
Large Text (above 18pt) WCAG AA × Fail

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 52.8649, 0.3260, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

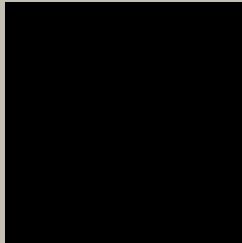
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8649, 0.3260, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 52.8649, 0.3260, 0.3439.

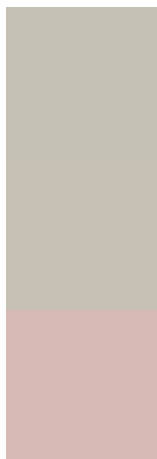


This preview shows how white text looks on a background with the Yxy color 52.8649, 0.3260, 0.3439.

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

52.8649, 0.3260, 0.3439

Protanopia

53.1367, 0.3277, 0.3438

Deuteranopia

52.9011, 0.3415, 0.3350



Tritanopia

52.9863, 0.3111, 0.3122

Trichromacy



Original Color

52.8649, 0.3260, 0.3439

Protanomaly

53.0003, 0.3268, 0.3439

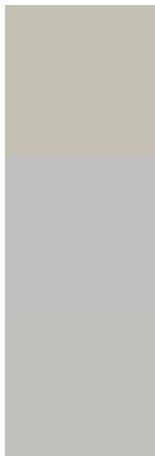
Deuteranomaly

52.7125, 0.3351, 0.3375

Tritanomaly

52.9092, 0.3163, 0.3229

Monochromacy



Original Color

52.8649, 0.3260, 0.3439

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7994, 0.3174, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8649, 0.3260, 0.3439 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(197, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.8649, 0.3260, 0.3439 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(197, 192, 180) }
```

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

```
.border{ border-color:rgb(197, 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(197, 192, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8649, 0.3260, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 180) }
```

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

```
.background{ background-color: rgb(197,  
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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