

Converting Colors

Yxy(53.7246, 0.3431, 0.3378)

Have a look what the booklet for
Yxy(53.7246, 0.3431, 0.3378)
contains.

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Color

Yxy(53.8607, 0.3428, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	D8BCB4
RGB	216, 188, 180
RGB Percent	85%, 74%, 71%
CMY	0.1529, 0.2628, 0.2940
CMYK	0.00, 0.13, 0.17, 0.15
HSL	13°, 32%, 78%
HSV	13°, 17%, 85%
XYZ	54.5449, 53.8607, 50.7102
YIQ	195.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

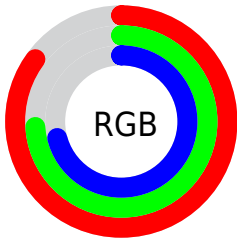
Format	Color
RYB	216, 190, 180
Decimal	14204084
CIELab	78.38, 8.69, 7.70
CIELCh	78, 11.610, 41.528
Yxy	53.8607, 0.3428, 0.3385
Android (android.graphics.Color)	4292394164 (0xFFD8BCB4)
YUV	195.4600, -7.6218, 18.0136
Hunter-Lab	73.3898, 4.2328, 10.4053

Details

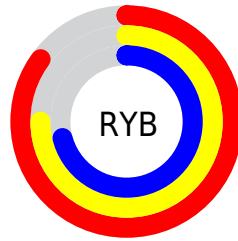
The Yxy color **53.8607, 0.3428, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7927, 0.2872, 0.3193**, and the grayscale version is **54.9024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0175, 0.3248, 0.3368**, and **26.4373, 0.3514, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **46.2804, 0.3658, 0.3446**, and if you desaturate by 10%, it is **62.4198, 0.3236, 0.3327**.

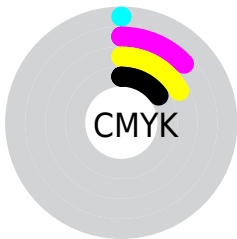
Distribution



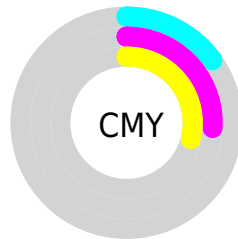
- Red (85%)
- Green (74%)
- Blue (71%)



- Red (85%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8607, 0.3428, 0.3385 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 53.8607, 0.3428, 0.3385 by changing the saturation by 10% instead.


 53.8607, 0.3428,
0.3385

 53.8607, 0.3428,
0.3385

401.5786, 0.3280,
0.3340

 38.4903, 0.3464,
0.3395


 95.8697, 0.3375,
0.3369

 26.3634, 0.3510,
0.3408


123.2771, 0.3355,
0.3363

 17.0957, 0.3570,
0.3424


155.4656, 0.3338,
0.3358

 10.3028, 0.3653,
0.3446

192.8196, 0.3323,
0.3354

 5.6002, 0.3773,
0.3474

235.7235, 0.3310,
0.3350

 2.6035, 0.3964,
0.3515

284.5617, 0.3299,

 0.9284, 0.4444,

0.3346

0.3684

339.7186, 0.3289,
0.3343

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8607, 0.3428,
0.3385

53.8607, 0.3428,
0.3385

46.2804, 0.3658,
0.3446

62.4198, 0.3236,
0.3327

39.6369, 0.3934,
0.3508

71.9836, 0.3077,
0.3272

33.8953, 0.4256,
0.3566

82.5862, 0.2945,
0.3223

29.0162, 0.4625,
0.3614

93.3412, 0.2894,
0.3289

■ 24.9571, 0.5025,
0.3642

■ 21.6716, 0.5429,
0.3640

■ 19.1084, 0.5794,
0.3600

■ 17.2090, 0.6073,
0.3524

■ 16.7062, 0.6151,
0.3498

Harmonies

Analogous

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



53.8607, 0.3357, 0.3252



53.8607, 0.3428, 0.3385



53.8607, 0.3416, 0.3498

Triad

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



53.8607, 0.3428, 0.3385



53.8607, 0.3027, 0.3458



53.8607, 0.2929, 0.3030

Complementary

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



53.8607, 0.3428, 0.3385



59.7927, 0.2872, 0.3193

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.



53.8607, 0.2846, 0.3077



53.8607, 0.3428, 0.3385



53.8607, 0.2901, 0.3323

Square

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



53.8607, 0.3428, 0.3385



53.8607, 0.3182, 0.3545



53.8607, 0.2836, 0.3183



53.8607, 0.3067, 0.3050

Rectangle

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



53.8607, 0.3428, 0.3385



53.8607, 0.3362, 0.3546



53.8607, 0.2836, 0.3183



53.8607, 0.2894, 0.3038

Sweetspot

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



53.8631, 0.3428, 0.3385



93.0371, 0.3209, 0.3318



51.8157, 0.3208, 0.2965



19.7108, 0.3221, 0.3322



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.



53.8631, 0.3428, 0.3385



74.3769, 0.3504, 0.3406



61.9513, 0.3395, 0.3589



12.8628, 0.3286, 0.3342



10.0195, 0.6126, 0.3517



0.7298, 0.5787, 0.3787

Inverse Universe

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



59.7927, 0.2872, 0.3193



84.5743, 0.2819, 0.3171



51.5852, 0.2862, 0.2972



13.6190, 0.2982, 0.3237



19.7020, 0.2046, 0.2564



1.3062, 0.2084, 0.2703

Previews

White Background



This preview shows how the Yxy color 53.8607, 0.3428, 0.3385 looks on a white background.

Color Contrast Check

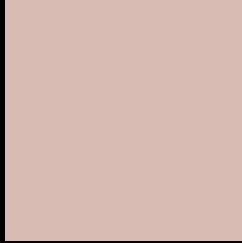
Large Text (above 18pt) WCAG AA × Fail

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 53.8607, 0.3428, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

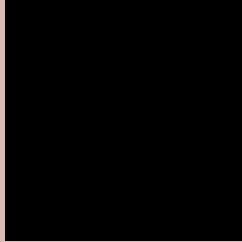
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8607, 0.3428, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 53.8607, 0.3428, 0.3385.



This preview shows how white text looks on a background with the Yxy color 53.8607, 0.3428, 0.3385.

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

53.8607, 0.3428, 0.3385

Protanopia

53.8382, 0.3261, 0.3413

Deuteranopia

53.7414, 0.3447, 0.3373



Tritanopia

53.8815, 0.3303, 0.3129

Trichromacy



Original Color

53.8607, 0.3428, 0.3385

Protanomaly

53.7608, 0.3321, 0.3399

Deuteranomaly

53.5876, 0.3439, 0.3373

Tritanomaly

53.8290, 0.3350, 0.3221

Monochromacy



Original Color

53.8607, 0.3428, 0.3385

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1135, 0.3232, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8607, 0.3428, 0.3385 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(216, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 188, 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(216, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 188, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.8607, 0.3428, 0.3385 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(216, 188, 180) }
```

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

```
.border{ border-color:rgb(216, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 188, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 188, 180); box-shadow:4px 4px 4px 4px rgb(216, 188, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8607, 0.3428, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 188, 180) }
```

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

```
.background{ background-color: rgb(216,  
188, 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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