

Converting Colors

$Y_{xy}(55.4300, 0.3216, 0.3578)$

Have a look what the booklet for
Yxy(55.4300, 0.3216, 0.3578)
contains.

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Color

Yxy(55.4300, 0.3216, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	BEC8B1
RGB	190, 200, 177
RGB Percent	75%, 78%, 69%
CMY	0.2550, 0.2156, 0.3059
CMYK	0.05, 0.00, 0.12, 0.22
HSL	86°, 17%, 74%
HSV	86°, 12%, 78%
XYZ	49.8219, 55.4300, 49.6670
YIQ	194.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

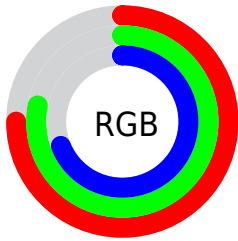
Format	Color
RYB	177, 200, 187
Decimal	12503217
CIELab	79.29, -7.58, 10.33
CIELCh	79, 12.814, 126.254
Yxy	55.4300, 0.3216, 0.3578
Android (android.graphics.Color)	4290693297 (0xFFBEC8B1)
YUV	194.3880, -8.5723, -3.8483
Hunter-Lab	74.4513, -10.8398, 12.5631

Details

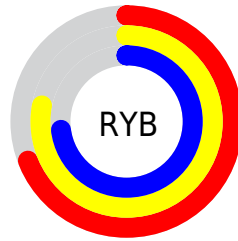
The Yxy color **55.4300, 0.3216, 0.3578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1826, 0.3030, 0.3000**, and the grayscale version is **54.2414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9960, 0.3198, 0.3506**, and **27.3314, 0.3247, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **53.6036, 0.3292, 0.3848**, and if you desaturate by 10%, it is **57.4452, 0.3139, 0.3326**.

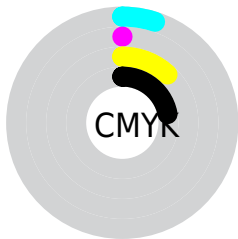
Distribution



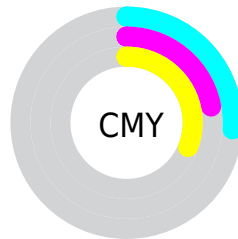
- Red (75%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4300, 0.3216, 0.3578 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 55.4300, 0.3216, 0.3578 by changing the saturation by 10% instead.

■ 55.4300, 0.3216,
0.3578

■ 55.4300, 0.3216,
0.3578

407.5398, 0.3174,
0.3436

■ 39.7461, 0.3226,
0.3613

■ 98.1707, 0.3201,
0.3527

■ 27.3406, 0.3238,
0.3657

125.9963, 0.3195,
0.3508

■ 17.8292, 0.3254,
0.3716

158.6379, 0.3191,
0.3491

■ 10.8274, 0.3275,
0.3796

196.4799, 0.3186,
0.3477

■ 5.9509, 0.3303,
0.3913

239.9067, 0.3183,
0.3465

■ 2.8153, 0.3344,
0.4101

289.3027, 0.3179,

■ 1.0361, 0.3560,

0.3454

0.4655

345.0523, 0.3176,
0.3445

0.0000, 0.0000,
0.0000

55.4300, 0.3216,
0.3578

55.4300, 0.3216,
0.3578

53.6036, 0.3292,
0.3848

57.4452, 0.3139,
0.3326

51.9526, 0.3365,
0.4132

59.6478, 0.3063,
0.3095

50.4728, 0.3430,
0.4423


62.0460, 0.2990,
0.2885

49.1570, 0.3483,
0.4709


64.5153, 0.2934,
0.2715

47.9975, 0.3518,
0.4978


65.9506, 0.2996,
0.2726


 46.9858, 0.3533,
0.5216


 67.4584, 0.3059,
0.2736

 46.1122, 0.3525,
0.5411

 69.0397, 0.3123,
0.2747

 45.3656, 0.3494,
0.5554

 69.7930, 0.3152,
0.2752

 44.8147, 0.3454,
0.5639

Harmonies

Analogous

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



55.4300, 0.3365, 0.3577



55.4300, 0.3216, 0.3578



55.4300, 0.3046, 0.3496

Triad

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



55.4300, 0.3216, 0.3578



55.4300, 0.2812, 0.3073



55.4300, 0.3357, 0.3223

Complementary

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



55.4300, 0.3216, 0.3578



46.1826, 0.3030, 0.3000

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.



55.4300, 0.3203, 0.3097



55.4300, 0.3216, 0.3578



55.4300, 0.2890, 0.3010

Square

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



55.4300, 0.3216, 0.3578



55.4300, 0.2816, 0.3198



55.4300, 0.3032, 0.3020



55.4300, 0.3449, 0.3368

Rectangle

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



55.4300, 0.3216, 0.3578



55.4300, 0.2944, 0.3405



55.4300, 0.3032, 0.3020



55.4300, 0.3311, 0.3177

Sweetspot

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



55.4324, 0.3216, 0.3578



98.8903, 0.3151, 0.3364



50.9831, 0.3316, 0.3414



21.1042, 0.3157, 0.3384



0.0000, 0.0000, 0.0000



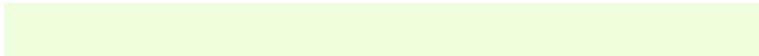
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4324, 0.3216, 0.3578



95.0786, 0.3237, 0.3649



54.0155, 0.3125, 0.3586



12.1781, 0.3200, 0.3523



28.5455, 0.3464, 0.5632



1.3939, 0.3613, 0.5514

Inverse Universe

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



46.1826, 0.3030, 0.3000



75.6772, 0.3005, 0.2928



47.6851, 0.3127, 0.3009



10.5097, 0.3050, 0.3056



3.9952, 0.1914, 0.0828



0.2318, 0.2154, 0.0960

Previews

White Background



This preview shows how the Yxy color 55.4300, 0.3216, 0.3578 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 55.4300, 0.3216, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

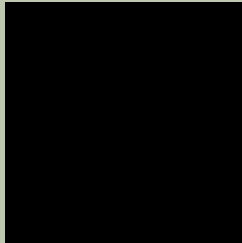
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

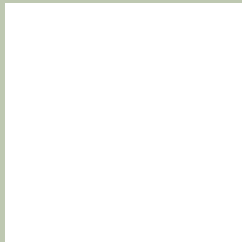
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4300, 0.3216, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 55.4300, 0.3216, 0.3578.



This preview shows how white text looks on a background with the Yxy color 55.4300, 0.3216, 0.3578.

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

55.4300, 0.3216, 0.3578

Protanopia

55.5541, 0.3360, 0.3545

Deuteranopia

55.0220, 0.3477, 0.3407



Tritanopia

55.3355, 0.3011, 0.3098

Trichromacy



Original Color

55.4300, 0.3216, 0.3578

Protanomaly

55.3465, 0.3309, 0.3548

Deuteranomaly

55.0559, 0.3384, 0.3470

Tritanomaly

55.3935, 0.3081, 0.3266

Monochromacy



Original Color

55.4300, 0.3216, 0.3578

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4482, 0.3162, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4300, 0.3216, 0.3578 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(190, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 177)  
}
```

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(190, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 177) }
```

Border

The CSS property to change the border of an element to Yxy 55.4300, 0.3216, 0.3578 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(190, 200, 177) }
```

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

```
.border{ border-color:rgb(190, 200, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 200, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 200, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 200, 177); box-shadow:4px 4px 4px 4px rgb(190, 200, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4300, 0.3216, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 177) }
```

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

```
.background{ background-color: rgb(190,  
200, 177) }
```

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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