

Converting Colors

$Yxy(55.4022, 0.3223, 0.3135)$

Have a look what the booklet for
Yxy(55.4022, 0.3223, 0.3135)
contains.

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Color

Yxy(55.4348, 0.3224, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	D6BECB
RGB	214, 190, 203
RGB Percent	84%, 75%, 80%
CMY	0.1609, 0.2548, 0.2040
CMYK	0.00, 0.11, 0.05, 0.16
HSL	328°, 23%, 79%
HSV	328°, 11%, 84%
XYZ	56.9178, 55.4348, 64.1914
YIQ	198.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

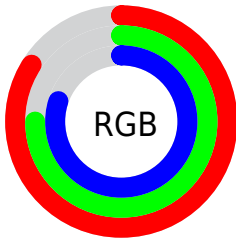
Format	Color
R_{YB}	214, 190, 203
Decimal	14073547
CIE _{Lab}	79.29, 10.71, -3.41
CIE _{LCh}	79, 11.235, 342.353
Yxy	55.4348, 0.3224, 0.3140
Android (android.graphics.Color)	4292263627 (0xFFD6BECB)
YUV	198.6580, 2.1406, 13.4549
Hunter-Lab	74.4545, 6.1612, 1.0010

Details

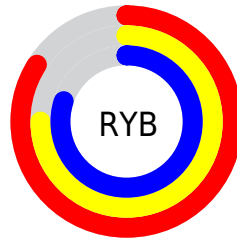
The Yxy color $55.4348, 0.3224, 0.3140$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.2475, 0.3041, 0.3445$, and the grayscale version is $56.8750, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $27.4322, 0.3246, 0.3106$ is the 20% darker color. If you saturate the color by 10%, you get $46.3844, 0.3329, 0.2999$, and if you desaturate by 10%, it is $65.8804, 0.3137, 0.3274$.

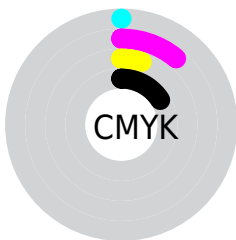
Distribution



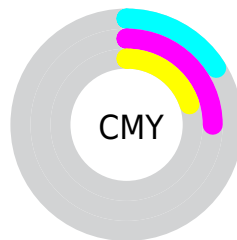
- Red (84%)
- Green (75%)
- Blue (80%)



- Red (84%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4348, 0.3224, 0.3140 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 55.4348, 0.3224, 0.3140 by changing the saturation by 10% instead.

■ 55.4348, 0.3224,
0.3140

■ 55.4348, 0.3224,
0.3140

407.5580, 0.3177,
0.3212

■ 39.7499, 0.3235,
0.3123

■ 98.1777, 0.3207,
0.3166

■ 27.3436, 0.3249,
0.3101

126.0046, 0.3201,
0.3175

■ 17.8315, 0.3267,
0.3073

158.6475, 0.3196,
0.3184

■ 10.8291, 0.3292,
0.3036

196.4910, 0.3191,
0.3191

■ 5.9520, 0.3327,
0.2982

239.9194, 0.3187,
0.3197

■ 2.8159, 0.3381,
0.2900

289.3171, 0.3183,

■ 1.0364, 0.3474,

0.3203

0.2760

345.0685, 0.3180,
0.3208

0.0000, 0.5502,
0.0000

0.0000, 0.0000,
0.0000

55.4348, 0.3224,
0.3140

55.4348, 0.3224,
0.3140

46.3844, 0.3329,
0.2999

65.8804, 0.3137,
0.3274

38.6624, 0.3454,
0.2855

77.7700, 0.3064,
0.3400

32.2072, 0.3601,
0.2712

91.1588, 0.3004,
0.3517

26.9497, 0.3771,
0.2580

92.2378, 0.2951,
0.3421

■ 22.8137, 0.3963,
0.2467

■ 92.8442, 0.2898,
0.3319

■ 19.7146, 0.4173,
0.2387

■ 93.0326, 0.2883,
0.3289

■ 17.5553, 0.4393,
0.2350

■ 16.2202, 0.4614,
0.2367

■ 15.5499, 0.4803,
0.2420

Harmonies

Analogous

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



55.4348, 0.3074, 0.3061



55.4348, 0.3224, 0.3140



55.4348, 0.3350, 0.3257

Triad

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



55.4348, 0.3224, 0.3140



55.4348, 0.3313, 0.3548



55.4348, 0.2847, 0.3184

Complementary

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



55.4348, 0.3224, 0.3140



63.2475, 0.3041, 0.3445

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.



55.4348, 0.2908, 0.3318



55.4348, 0.3224, 0.3140



55.4348, 0.3175, 0.3533

Square

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



55.4348, 0.3224, 0.3140



55.4348, 0.3402, 0.3492



55.4348, 0.3027, 0.3448



55.4348, 0.2859, 0.3084

Rectangle

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



55.4348, 0.3224, 0.3140



55.4348, 0.3403, 0.3343



55.4348, 0.3027, 0.3448



55.4348, 0.2859, 0.3227

Sweetspot

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



55.4372, 0.3224, 0.3140



94.9919, 0.3151, 0.3250



54.0768, 0.3035, 0.3007



20.0528, 0.3158, 0.3240



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.



55.4372, 0.3224, 0.3140



79.7021, 0.3243, 0.3113



54.8970, 0.3317, 0.3277



12.5321, 0.3207, 0.3164



9.4225, 0.4773, 0.2403



0.5849, 0.4430, 0.2214

Inverse Universe

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



55.4372, 0.3224, 0.3140



79.7021, 0.3243, 0.3113



63.8231, 0.2964, 0.3304



12.5321, 0.3207, 0.3164



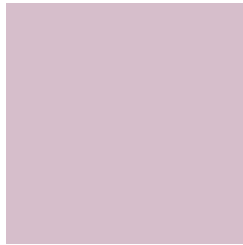
9.4225, 0.4773, 0.2403



0.5849, 0.4430, 0.2214

Previews

White Background



This preview shows how the Yxy color 55.4348, 0.3224, 0.3140 looks on a white background.

Color Contrast Check

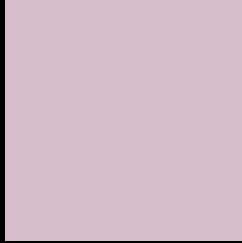
Large Text (above 18pt) WCAG AA × Fail

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 55.4348, 0.3224, 0.3140 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 55.4348, 0.3224, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 55.4348, 0.3224, 0.3140.



This preview shows how white text looks on a background with the Yxy color 55.4348, 0.3224, 0.3140.

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

55.4348, 0.3224, 0.3140

Protanopia

55.3568, 0.3063, 0.3158

Deuteranopia

55.7195, 0.3215, 0.3151



Tritanopia

55.5308, 0.3209, 0.3117

Trichromacy



Original Color

55.4348, 0.3224, 0.3140

Protanomaly

55.2442, 0.3118, 0.3148

Deuteranomaly

55.7195, 0.3215, 0.3151

Tritanomaly

55.4827, 0.3216, 0.3128

Monochromacy



Original Color

55.4348, 0.3224, 0.3140

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4874, 0.3161, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4348, 0.3224, 0.3140 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(214, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(214, 190, 203)  
}
```

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(214, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 190, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.4348, 0.3224, 0.3140 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(214, 190, 203) }
```

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

```
.border{ border-color:rgb(214, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 190,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4348, 0.3224, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 190, 203) }
```

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

```
.background{ background-color: rgb(214,  
190, 203) }
```

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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