

Converting Colors

$Yxy(55.3820, 0.3353, 0.3223)$

Have a look what the booklet for
Yxy(55.3820, 0.3353, 0.3223)
contains.

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Color

Yxy(55.2336, 0.3356, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	DDBCC2
RGB	221, 188, 194
RGB Percent	87%, 74%, 76%
CMY	0.1335, 0.2627, 0.2392
CMYK	0.00, 0.15, 0.12, 0.13
HSL	349°, 33%, 80%
HSV	349°, 15%, 87%
XYZ	57.5307, 55.2336, 58.6621
YIQ	198.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

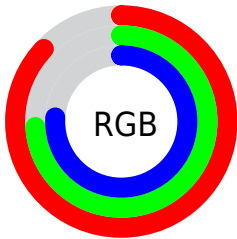
Format	Color
RYB	221, 188, 194
Decimal	14531778
CIELab	79.18, 12.71, 1.36
CIELCh	79, 12.784, 6.086
Yxy	55.2336, 0.3356, 0.3222
Android (android.graphics.Color)	4292721858 (0xFFDDBCC2)
YUV	198.5510, -2.2436, 19.6878
Hunter-Lab	74.3193, 8.1184, 5.2244

Details

The Yxy color **55.2336, 0.3356, 0.3222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2944, 0.2938, 0.3359**, and the grayscale version is **56.8298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8635, 0.3162, 0.3232**, and **27.3284, 0.3426, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **45.7417, 0.3556, 0.3173**, and if you desaturate by 10%, it is **66.2748, 0.3195, 0.3268**.

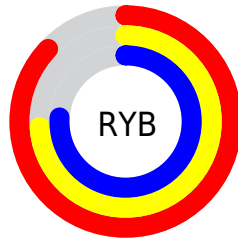
Distribution



Red (87%)

Green (74%)

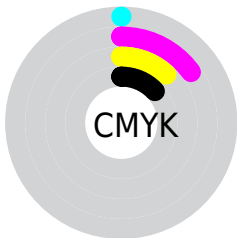
Blue (76%)



Red (87%)

Yellow (74%)

Blue (76%)

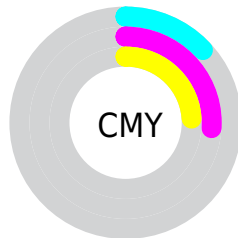


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (13%)



Cyan (13%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2336, 0.3356, 0.3222 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 55.2336, 0.3356, 0.3222 by changing the saturation by 10% instead.


 55.2336, 0.3356,
0.3222

 55.2336, 0.3356,
0.3222


406.7968, 0.3245,
0.3256

 39.5888, 0.3383,
0.3214


 97.8831, 0.3316,
0.3234

 27.2181, 0.3417,
0.3203


125.6566, 0.3301,
0.3239

 17.7371, 0.3462,
0.3189


158.2418, 0.3288,
0.3243

 10.7614, 0.3523,
0.3170

196.0231, 0.3277,
0.3246

 5.9066, 0.3611,
0.3143

239.3848, 0.3267,
0.3249

 2.7884, 0.3749,
0.3098

288.7114, 0.3259,

 1.0223, 0.3997,

0.3251

0.3016

344.3873, 0.3251,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2336, 0.3356,
0.3222

55.2336, 0.3356,
0.3222

45.7417, 0.3556,
0.3173

66.2748, 0.3195,
0.3268

37.7227, 0.3802,
0.3124

78.9225, 0.3064,
0.3311

31.1046, 0.4101,
0.3077

93.2403, 0.2959,
0.3351

25.8068, 0.4454,
0.3039

94.1067, 0.2923,
0.3289

■ 21.7400, 0.4855,
0.3018

■ 18.8041, 0.5278,
0.3021

■ 16.8831, 0.5682,
0.3056

■ 15.8358, 0.6013,
0.3123

■ 15.5203, 0.6145,
0.3159

Harmonies

Analogous

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



55.2336, 0.3202, 0.3097



55.2336, 0.3356, 0.3222



55.2336, 0.3448, 0.3367

Triad

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



55.2336, 0.3356, 0.3222



55.2336, 0.3217, 0.3578



55.2336, 0.2812, 0.3074

Complementary

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



55.2336, 0.3356, 0.3222



67.2944, 0.2938, 0.3359

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.



55.2336, 0.2816, 0.3199



55.2336, 0.3356, 0.3222



55.2336, 0.3047, 0.3496

Square

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



55.2336, 0.3356, 0.3222



55.2336, 0.3366, 0.3577



55.2336, 0.2901, 0.3355



55.2336, 0.2890, 0.3010

Rectangle

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



55.2336, 0.3356, 0.3222



55.2336, 0.3461, 0.3458



55.2336, 0.2901, 0.3355



55.2336, 0.2804, 0.3110

Sweetspot

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



55.2361, 0.3356, 0.3222



93.1376, 0.3182, 0.3272



55.6291, 0.3096, 0.2917



19.6678, 0.3193, 0.3269



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.



55.2361, 0.3356, 0.3222



71.9417, 0.3416, 0.3206



59.5936, 0.3387, 0.3410



13.0899, 0.3263, 0.3248



9.0311, 0.6113, 0.3141



0.5968, 0.5677, 0.2901

Inverse Universe

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



55.2361, 0.3356, 0.3222



71.9417, 0.3416, 0.3206



62.2690, 0.2897, 0.3167



13.0899, 0.3263, 0.3248



9.0311, 0.6113, 0.3141



0.5968, 0.5677, 0.2901

Previews

White Background



This preview shows how the Yxy color 55.2336, 0.3356, 0.3222 looks on a white background.

Color Contrast Check

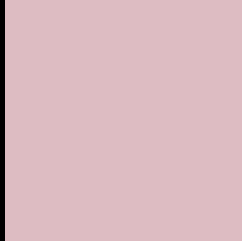
Large Text (above 18pt) WCAG AA × Fail

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 55.2336, 0.3356, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

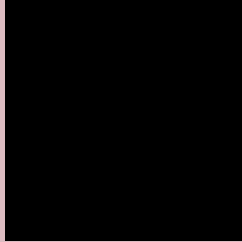
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2336, 0.3356, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 55.2336, 0.3356, 0.3222.



This preview shows how white text looks on a background with the Yxy color 55.2336, 0.3356, 0.3222.

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

55.2336, 0.3356, 0.3222

Protanopia

55.2495, 0.3137, 0.3254

Deuteranopia

55.3209, 0.3311, 0.3244



Tritanopia

55.2873, 0.3309, 0.3131

Trichromacy



Original Color

55.2336, 0.3356, 0.3222

Protanomaly

54.9959, 0.3211, 0.3231

Deuteranomaly

55.1957, 0.3330, 0.3233

Tritanomaly

55.1475, 0.3334, 0.3165

Monochromacy



Original Color

55.2336, 0.3356, 0.3222

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3268, 0.3209, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2336, 0.3356, 0.3222 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(221, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 194)  
}
```

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(221, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.2336, 0.3356, 0.3222 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(221, 188, 194) }
```

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

```
.border{ border-color:rgb(221, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 188, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 188, 194); box-shadow:4px 4px 4px 4px rgb(221, 188, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2336, 0.3356, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 194) }
```

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

```
.background{ background-color: rgb(221,  
188, 194) }
```

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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