

Converting Colors

$Y_{xy}(55.5665, 0.3362, 0.2997)$

Have a look what the booklet for
Yxy(55.5665, 0.3362, 0.2997)
contains.

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Color

Yxy(55.7215, 0.3360, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	EBB6D1
RGB	235, 182, 209
RGB Percent	92%, 71%, 82%
CMY	0.0785, 0.2862, 0.1804
CMYK	0.00, 0.23, 0.11, 0.08
HSL	329°, 57%, 82%
HSV	329°, 23%, 92%
XYZ	62.4914, 55.7215, 67.7734
YIQ	200.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

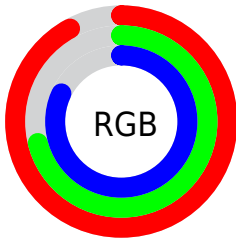
Format	Color
R_{YB}	235, 182, 209
Decimal	15447761
CIE _{Lab}	79.46, 23.33, -6.19
CIE _{LCh}	79, 24.136, 345.149
Yxy	55.7215, 0.3360, 0.2996
Android (android.graphics.Color)	4293637841 (0xFFEBB6D1)
YUV	200.9250, 3.9810, 29.8838
Hunter-Lab	74.6468, 18.8012, -1.5778

Details

The Yxy color $55.7215, 0.3360, 0.2996$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $73.9080, 0.2945, 0.3604$, and the grayscale version is $58.3245, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $27.6508, 0.3419, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $46.3416, 0.3498, 0.2859$, and if you desaturate by 10%, it is $66.7627, 0.3245, 0.3130$.

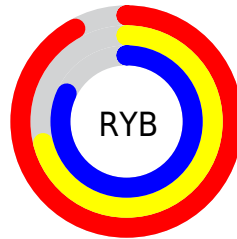
Distribution



Red (92%)

Green (71%)

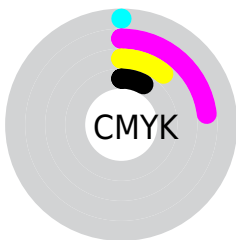
Blue (82%)



Red (92%)

Yellow (71%)

Blue (82%)

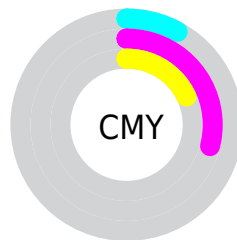


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (29%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7215, 0.3360, 0.2996 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 55.7215, 0.3360, 0.2996 by changing the saturation by 10% instead.


 55.7215, 0.3360,
0.2996

 55.7215, 0.3360,
0.2996


408.6411, 0.3249,
0.3135

 39.9797, 0.3386,
0.2963


 98.5973, 0.3321,
0.3045

 27.5227, 0.3419,
0.2923


126.5000, 0.3306,
0.3064

 17.9662, 0.3462,
0.2870


159.2251, 0.3293,
0.3080

 10.9257, 0.3520,
0.2800

197.1571, 0.3281,
0.3094

 6.0169, 0.3600,
0.2703

240.6803, 0.3272,
0.3106

 2.8554, 0.3723,
0.2558

290.1791, 0.3263,

 1.0567, 0.3930,

0.3117

0.2319

346.0379, 0.3256,
0.3127

0.0000, 0.5827,
0.0000

0.0000, 0.0000,
0.0000

55.7215, 0.3360,
0.2996

55.7215, 0.3360,
0.2996

46.3416, 0.3498,
0.2859

66.7627, 0.3245,
0.3130

38.5341, 0.3661,
0.2725

79.5333, 0.3149,
0.3259

32.2131, 0.3850,
0.2601

94.1070, 0.3070,
0.3379

27.2814, 0.4063,
0.2500

96.3991, 0.3005,
0.3290

■ 23.6301, 0.4296,
0.2433

■ 21.1340, 0.4539,
0.2412

■ 19.6418, 0.4779,
0.2446

■ 19.0068, 0.4952,
0.2502

Harmonies

Analogous

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



55.7215, 0.3037, 0.2827



55.7215, 0.3360, 0.2996



55.7215, 0.3629, 0.3237

Triad

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



55.7215, 0.3360, 0.2996



55.7215, 0.3495, 0.3852



55.7215, 0.2536, 0.3028

Complementary

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



55.7215, 0.3360, 0.2996



73.9080, 0.2945, 0.3604

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.



55.7215, 0.2645, 0.3315



55.7215, 0.3360, 0.2996



55.7215, 0.3192, 0.3815

Square

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



55.7215, 0.3360, 0.2996



55.7215, 0.3706, 0.3728



55.7215, 0.2882, 0.3612



55.7215, 0.2574, 0.2834

Rectangle

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



55.7215, 0.3360, 0.2996



55.7215, 0.3734, 0.3413



55.7215, 0.2882, 0.3612



55.7215, 0.2556, 0.3117

Sweetspot

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



55.7240, 0.3360, 0.2996



88.5838, 0.3190, 0.3202



52.8135, 0.2937, 0.2692



18.7605, 0.3195, 0.3194



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.



55.7240, 0.3360, 0.2996



61.6726, 0.3420, 0.2933



54.5359, 0.3582, 0.3281



15.1821, 0.3213, 0.3171



10.6059, 0.4917, 0.2482



0.8523, 0.4616, 0.2317

Inverse Universe

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



55.7240, 0.3360, 0.2996



61.6726, 0.3420, 0.2933



75.2996, 0.2798, 0.3299



15.1821, 0.3213, 0.3171



10.6059, 0.4917, 0.2482



0.8523, 0.4616, 0.2317

Previews

White Background



This preview shows how the Yxy color 55.7215, 0.3360, 0.2996 looks on a white background.

Color Contrast Check

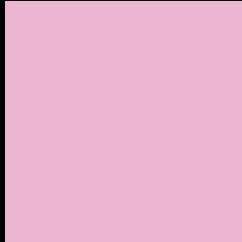
Large Text (above 18pt) WCAG AA × Fail

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 55.7215, 0.3360, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

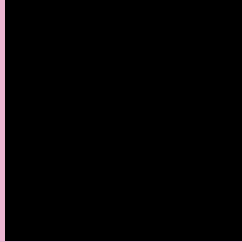
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7215, 0.3360, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 55.7215, 0.3360, 0.2996.



This preview shows how white text looks on a background with the Yxy color 55.7215, 0.3360, 0.2996.

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

55.7215, 0.3360, 0.2996

Protanopia

56.0917, 0.2969, 0.3041

Deuteranopia

55.7636, 0.3176, 0.3105



Tritanopia

55.8506, 0.3440, 0.3136

Trichromacy



Original Color

55.7215, 0.3360, 0.2996

Protanomaly

55.8183, 0.3108, 0.3025

Deuteranomaly

55.7361, 0.3236, 0.3063

Tritanomaly

55.6237, 0.3408, 0.3081

Monochromacy



Original Color

55.7215, 0.3360, 0.2996

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.0893, 0.3205, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7215, 0.3360, 0.2996 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(235, 182, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 182, 209)  
}
```

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(235, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 182, 209) }
```

Border

The CSS property to change the border of an element to Yxy 55.7215, 0.3360, 0.2996 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(235, 182, 209) }
```

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

```
.border{ border-color:rgb(235, 182, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 182, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 182, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 182, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 182,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7215, 0.3360, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 182, 209) }
```

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

```
.background{ background-color: rgb(235,  
182, 209) }
```

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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