

Converting Colors

$Yxy(55.0264, 0.3574, 0.3246)$

Have a look what the booklet for
Yxy(55.0264, 0.3574, 0.3246)
contains.

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Color

Yxy(55.0056, 0.3572, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	EDB6BA
RGB	237, 182, 186
RGB Percent	93%, 71%, 73%
CMY	0.0707, 0.2862, 0.2705
CMYK	0.00, 0.23, 0.22, 0.07
HSL	356°, 60%, 82%
HSV	356°, 23%, 93%
XYZ	60.5112, 55.0056, 53.8875
YIQ	198.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

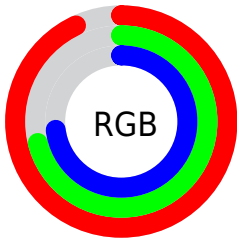
Format	Color
R _Y B	237, 182, 186
Decimal	15578810
CIE Lab	79.04, 20.46, 5.67
CIE LCh	79, 21.229, 15.491
Yxy	55.0056, 0.3572, 0.3247
Android (android.graphics.Color)	4293768890 (0xFFEDB6BA)
YUV	198.9010, -6.3602, 33.4128
Hunter-Lab	74.1658, 15.8466, 8.8370

Details

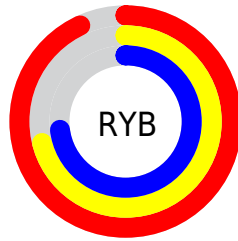
The Yxy color **55.0056, 0.3572, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3848, 0.2806, 0.3334**, and the grayscale version is **57.0758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8199, 0.3216, 0.3251**, and **27.0973, 0.3688, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **45.2442, 0.3845, 0.3228**, and if you desaturate by 10%, it is **66.5582, 0.3352, 0.3266**.

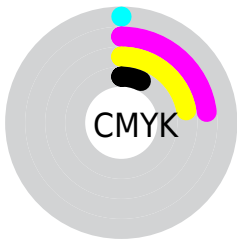
Distribution



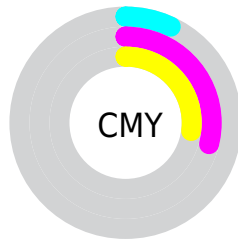
- Red (93%)
- Green (71%)
- Blue (73%)



- Red (93%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0056, 0.3572, 0.3247 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 55.0056, 0.3572, 0.3247 by changing the saturation by 10% instead.


 55.0056, 0.3572,
0.3247

 55.0056, 0.3572,
0.3247


405.9332, 0.3354,
0.3271

 39.4062, 0.3625,
0.3240


 97.5492, 0.3494,
0.3256

 27.0759, 0.3692,
0.3232


125.2621, 0.3464,
0.3259

 17.6302, 0.3780,
0.3220


157.7817, 0.3439,
0.3262

 10.6848, 0.3900,
0.3202

195.4923, 0.3417,
0.3264

 5.8553, 0.4074,
0.3174

238.7784, 0.3399,
0.3266

 2.7573, 0.4346,
0.3124

288.0243, 0.3382,

 1.0064, 0.4864,

0.3268

0.3040

343.6144, 0.3367,
0.3270

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0056, 0.3572,
0.3247

55.0056, 0.3572,
0.3247

45.2442, 0.3845,
0.3228

66.5582, 0.3352,
0.3266

37.1773, 0.4180,
0.3210

79.9774, 0.3176,
0.3284

30.7105, 0.4577,
0.3195

95.3435, 0.3034,
0.3301

25.7373, 0.5025,
0.3189

96.7408, 0.3017,
0.3290

■ 22.1380, 0.5488,
0.3194

■ 19.7746, 0.5906,
0.3214

■ 18.4805, 0.6212,
0.3246

■ 18.0420, 0.6340,
0.3266

Harmonies

Analogous

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



55.0056, 0.3337, 0.3031



55.0056, 0.3572, 0.3247



55.0056, 0.3683, 0.3482

Triad

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



55.0056, 0.3572, 0.3247



55.0056, 0.3183, 0.3749



55.0056, 0.2637, 0.2885

Complementary

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



55.0056, 0.3572, 0.3247



76.3848, 0.2806, 0.3334

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.



55.0056, 0.2601, 0.3058



55.0056, 0.3572, 0.3247



55.0056, 0.2908, 0.3571

Square

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



55.0056, 0.3572, 0.3247



55.0056, 0.3451, 0.3786



55.0056, 0.2698, 0.3310



55.0056, 0.2798, 0.2825

Rectangle

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



55.0056, 0.3572, 0.3247



55.0056, 0.3670, 0.3623



55.0056, 0.2698, 0.3310



55.0056, 0.2610, 0.2931

Sweetspot

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



55.0081, 0.3572, 0.3247



88.1147, 0.3239, 0.3278



56.7974, 0.3118, 0.2707



18.6521, 0.3249, 0.3277



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.



55.0081, 0.3572, 0.3247



59.0401, 0.3699, 0.3237



65.0012, 0.3551, 0.3541



15.0718, 0.3281, 0.3273



9.8593, 0.6321, 0.3256



0.7804, 0.6120, 0.3145

Inverse Universe

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



55.0081, 0.3572, 0.3247



59.0401, 0.3699, 0.3237



64.1919, 0.2763, 0.3025



15.0718, 0.3281, 0.3273



9.8593, 0.6321, 0.3256



0.7804, 0.6120, 0.3145

Previews

White Background



This preview shows how the Yxy color 55.0056, 0.3572, 0.3247 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 55.0056, 0.3572, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

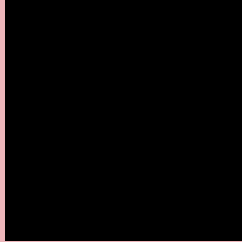
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0056, 0.3572, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 55.0056, 0.3572, 0.3247.



This preview shows how white text looks on a background with the Yxy color 55.0056, 0.3572, 0.3247.

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

55.0056, 0.3572, 0.3247

Protanopia

55.1598, 0.3182, 0.3314

Deuteranopia

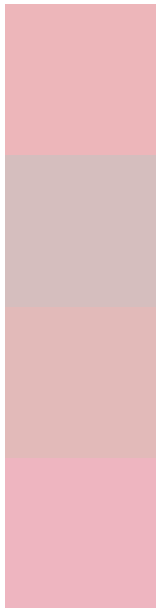
54.9580, 0.3411, 0.3337



Tritanopia

55.1650, 0.3505, 0.3137

Trichromacy



Original Color

55.0056, 0.3572, 0.3247

Protanomaly

54.6908, 0.3318, 0.3291

Deuteranomaly

54.7893, 0.3477, 0.3302

Tritanomaly

55.0307, 0.3531, 0.3170

Monochromacy



Original Color

55.0056, 0.3572, 0.3247

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1811, 0.3283, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0056, 0.3572, 0.3247 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(237, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(237, 182, 186)  
}
```

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(237, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.0056, 0.3572, 0.3247 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(237, 182, 186) }
```

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

```
.border{ border-color:rgb(237, 182, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(237, 182,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0056, 0.3572, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 182, 186) }
```

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

```
.background{ background-color: rgb(237,  
182, 186) }
```

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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