

Converting Colors

Yxy(54.7598, 0.3332, 0.3150)

Have a look what the booklet for
Yxy(54.7598, 0.3332, 0.3150)
contains.

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Color

Yxy(54.7246, 0.3335, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAC6
RGB	222, 186, 198
RGB Percent	87%, 73%, 78%
CMY	0.1293, 0.2706, 0.2234
CMYK	0.00, 0.16, 0.11, 0.13
HSL	340°, 35%, 80%
HSV	340°, 16%, 87%
XYZ	57.8835, 54.7246, 60.9555
YIQ	198.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

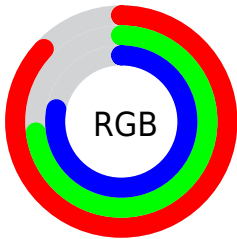
Format	Color
R _Y B	222, 186, 198
Decimal	14596806
CIE Lab	78.88, 14.84, -1.24
CIE LCh	79, 14.890, 355.208
Yxy	54.7246, 0.3335, 0.3153
Android (android.graphics.Color)	4292786886 (0xFFDEBAC6)
YUV	198.1320, -0.0651, 20.9322
Hunter-Lab	73.9761, 10.2113, 2.9289

Details

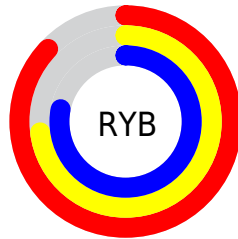
The Yxy color **54.7246, 0.3335, 0.3153** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3448, 0.2956, 0.3431**, and the grayscale version is **56.5520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.0042, 0.3397, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **45.4387, 0.3501, 0.3063**, and if you desaturate by 10%, it is **65.5353, 0.3199, 0.3239**.

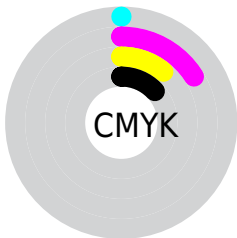
Distribution



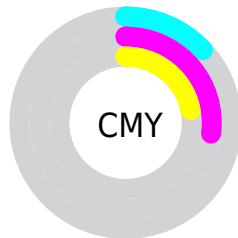
- Red (87%)
- Green (73%)
- Blue (78%)



- Red (87%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7246, 0.3335, 0.3153 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 54.7246, 0.3335, 0.3153 by changing the saturation by 10% instead.


 54.7246, 0.3335,
0.3153

 54.7246, 0.3335,
0.3153

404.8671, 0.3234,
0.3219

 39.1813, 0.3359,
0.3137


 97.1373, 0.3299,
0.3177

 26.9008, 0.3390,
0.3117


124.7755, 0.3285,
0.3186

 17.4987, 0.3430,
0.3091


157.2141, 0.3274,
0.3193

 10.5907, 0.3485,
0.3055

194.8375, 0.3263,
0.3200

 5.7923, 0.3564,
0.3004

238.0302, 0.3255,
0.3206

 2.7192, 0.3688,
0.2925

287.1764, 0.3247,

 0.9870, 0.3907,

0.3211

0.2787

342.6606, 0.3240,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7246, 0.3335,
0.3153

54.7246, 0.3335,
0.3153

45.4387, 0.3501,
0.3063

65.5353, 0.3199,
0.3239

37.6016, 0.3703,
0.2972

77.9280, 0.3088,
0.3320

31.1414, 0.3946,
0.2886

91.9658, 0.2997,
0.3394

25.9776, 0.4229,
0.2812

94.2730, 0.2929,
0.3289

■ 22.0208, 0.4550,
0.2761

■ 19.1703, 0.4896,
0.2746

■ 17.3089, 0.5242,
0.2778

■ 16.2903, 0.5558,
0.2860

■ 16.0297, 0.5668,
0.2896

Harmonies

Analogous

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



54.7246, 0.3141, 0.3025



54.7246, 0.3335, 0.3153



54.7246, 0.3475, 0.3317

Triad

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



54.7246, 0.3335, 0.3153



54.7246, 0.3300, 0.3639



54.7246, 0.2751, 0.3082

Complementary

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



54.7246, 0.3335, 0.3153



67.3448, 0.2956, 0.3431

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.



54.7246, 0.2791, 0.3247



54.7246, 0.3335, 0.3153



54.7246, 0.3104, 0.3577

Square

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



54.7246, 0.3335, 0.3153



54.7246, 0.3453, 0.3600



54.7246, 0.2919, 0.3431



54.7246, 0.2808, 0.2981

Rectangle

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



54.7246, 0.3335, 0.3153



54.7246, 0.3516, 0.3429



54.7246, 0.2919, 0.3431



54.7246, 0.2754, 0.3132

Sweetspot

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



54.7270, 0.3335, 0.3153



91.5983, 0.3185, 0.3249



54.0060, 0.3045, 0.2877



19.3626, 0.3193, 0.3243



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.



54.7270, 0.3335, 0.3153



70.9814, 0.3380, 0.3127



56.5136, 0.3424, 0.3353



13.7757, 0.3240, 0.3212



9.5378, 0.5629, 0.2875



0.6773, 0.5194, 0.2635

Inverse Universe

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



54.7270, 0.3335, 0.3153



70.9814, 0.3380, 0.3127



65.1422, 0.2880, 0.3226



13.7757, 0.3240, 0.3212



9.5378, 0.5629, 0.2875



0.6773, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 54.7246, 0.3335, 0.3153 looks on a white background.

Color Contrast Check

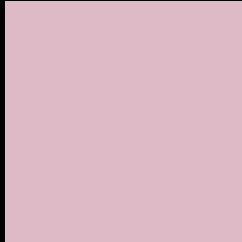
Large Text (above 18pt) WCAG AA × Fail

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 54.7246, 0.3335, 0.3153 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 54.7246, 0.3335, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 54.7246, 0.3335, 0.3153.



This preview shows how white text looks on a background with the Yxy color 54.7246, 0.3335, 0.3153.

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

54.7246, 0.3335, 0.3153

Protanopia

54.7657, 0.3085, 0.3182

Deuteranopia

54.5725, 0.3264, 0.3197



Tritanopia

54.8175, 0.3319, 0.3131

Trichromacy



Original Color

54.7246, 0.3335, 0.3153

Protanomaly

54.6005, 0.3173, 0.3172

Deuteranomaly

54.5966, 0.3290, 0.3186

Tritanomaly

54.7709, 0.3327, 0.3142

Monochromacy



Original Color

54.7246, 0.3335, 0.3153

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9262, 0.3202, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7246, 0.3335, 0.3153 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(222, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 198)  
}
```

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(222, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.7246, 0.3335, 0.3153 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(222, 186, 198) }
```

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

```
.border{ border-color:rgb(222, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7246, 0.3335, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 198) }
```

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

```
.background{ background-color: rgb(222,  
186, 198) }
```

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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