

Converting Colors

$Yxy(54.9284, 0.3676, 0.3673)$

Have a look what the booklet for
Yxy(54.9284, 0.3676, 0.3673)
contains.

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Color

Yxy(54.9492, 0.3675, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	DFBE9D
RGB	223, 190, 157
RGB Percent	87%, 75%, 62%
CMY	0.1254, 0.2549, 0.3844
CMYK	0.00, 0.15, 0.30, 0.13
HSL	30°, 51%, 75%
HSV	30°, 30%, 87%
XYZ	54.9343, 54.9492, 39.5975
YIQ	196.1050, 30.2610, -3.2670

Conversions

Conversions Part 2

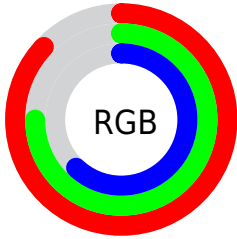
Format	Color
R _Y B	223, 223, 157
Decimal	14663325
CIE Lab	79.01, 6.96, 21.06
CIE LCh	79, 22.175, 71.719
Yxy	54.9492, 0.3675, 0.3676
Android (android.graphics.Color)	4292853405 (0xFFDFBE9D)
YUV	196.1050, -19.2788, 23.5869
Hunter-Lab	74.1277, 2.5585, 20.2179

Details

The Yxy color **54.9492, 0.3675, 0.3676** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3216, 0.2655, 0.2869**, and the grayscale version is **55.3740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9250, 0.3396, 0.3626**, and **27.1474, 0.3814, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **49.6110, 0.3908, 0.3811**, and if you desaturate by 10%, it is **60.8011, 0.3466, 0.3541**.

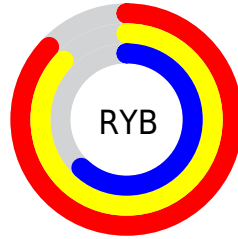
Distribution



Red (87%)

Green (75%)

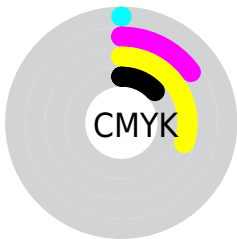
Blue (62%)



Red (87%)

Yellow (87%)

Blue (62%)

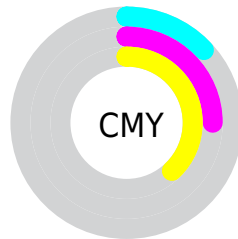


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (13%)



Cyan (13%)


Magenta (25%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9492, 0.3675, 0.3676 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 54.9492, 0.3675, 0.3676 by changing the saturation by 10% instead.


 54.9492, 0.3675,
0.3676


 54.9492, 0.3675,
0.3676


405.7193, 0.3408,
0.3493

 39.3611, 0.3739,
0.3718


 97.4665, 0.3580,
0.3612

 27.0407, 0.3820,
0.3771


 125.1645, 0.3543,
0.3587

 17.6038, 0.3925,
0.3837


157.6678, 0.3512,
0.3566

 10.6659, 0.4066,
0.3923

195.3610, 0.3486,
0.3548

 5.8427, 0.4264,
0.4036

238.6283, 0.3462,
0.3531

 2.7496, 0.4560,
0.4191

287.8542, 0.3442,

 1.0025, 0.5341,

0.3517

0.4659

343.4231, 0.3424,
0.3505

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9492, 0.3675,
0.3676

54.9492, 0.3675,
0.3676

49.6110, 0.3908,
0.3811

60.8011, 0.3466,
0.3541

44.7631, 0.4164,
0.3938

67.1741, 0.3282,
0.3410

40.3914, 0.4435,
0.4047

74.0850, 0.3121,
0.3285

36.4776, 0.4712,
0.4126

81.5473, 0.2981,
0.3170

■ 33.0021, 0.4979,
0.4162

■ 88.6748, 0.2932,
0.3196

■ 29.9427, 0.5217,
0.4145

■ 94.4317, 0.2935,
0.3289

■ 27.2686, 0.5417,
0.4077

■ 27.1723, 0.5425,
0.4074

Harmonies

Analogous

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



54.9492, 0.3703, 0.3459



54.9492, 0.3675, 0.3676



54.9492, 0.3496, 0.3802

Triad

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



54.9492, 0.3675, 0.3676



54.9492, 0.2701, 0.3346



54.9492, 0.3011, 0.2849

Complementary

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



54.9492, 0.3675, 0.3676



49.3216, 0.2655, 0.2869

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.



54.9492, 0.2756, 0.2806



54.9492, 0.3675, 0.3676



54.9492, 0.2584, 0.3077

Square

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



54.9492, 0.3675, 0.3676



54.9492, 0.2932, 0.3614



54.9492, 0.2604, 0.2884



54.9492, 0.3309, 0.2996

Rectangle

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



54.9492, 0.3675, 0.3676



54.9492, 0.3319, 0.3808



54.9492, 0.2604, 0.2884



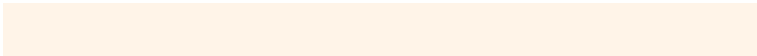
54.9492, 0.2918, 0.2822

Sweetspot

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



54.9517, 0.3675, 0.3676



91.5048, 0.3273, 0.3403



43.5634, 0.3449, 0.2895



19.3040, 0.3298, 0.3421



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.



54.9517, 0.3675, 0.3676



69.5612, 0.3827, 0.3766



70.3268, 0.3576, 0.4016



14.8272, 0.3280, 0.3407



16.1994, 0.5402, 0.4093



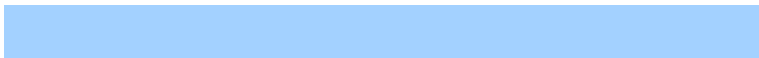
1.3019, 0.5166, 0.4280

Inverse Universe

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



49.3216, 0.2655, 0.2869



60.6780, 0.2546, 0.2757



36.9744, 0.2608, 0.2443



14.3700, 0.2981, 0.3170



10.1082, 0.1773, 0.1584



0.8797, 0.1851, 0.1863

Previews

White Background



This preview shows how the Yxy color 54.9492, 0.3675, 0.3676 looks on a white background.

Color Contrast Check

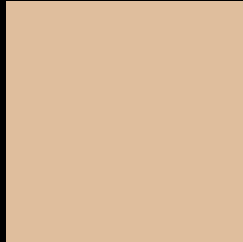
Large Text (above 18pt) WCAG AA × Fail

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 54.9492, 0.3675, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

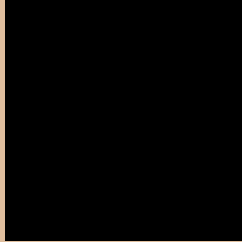
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9492, 0.3675, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 54.9492, 0.3675, 0.3676.



This preview shows how white text looks on a background with the Yxy color 54.9492, 0.3675, 0.3676.

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

54.9492, 0.3675, 0.3676

Protanopia

54.8337, 0.3497, 0.3716

Deuteranopia

54.8947, 0.3725, 0.3648



Tritanopia

54.8985, 0.3381, 0.3122

Trichromacy



Original Color

54.9492, 0.3675, 0.3676

Protanomaly

54.7893, 0.3562, 0.3698

Deuteranomaly

54.9983, 0.3704, 0.3661

Tritanomaly

54.7473, 0.3485, 0.3314

Monochromacy



Original Color

54.9492, 0.3675, 0.3676

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0828, 0.3317, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9492, 0.3675, 0.3676 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(223, 190, 157)` looks like.

```
.text, #text, p{  
  color:rgb(223, 190, 157)  
}
```

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(223, 190, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 190, 157) }
```

Border

The CSS property to change the border of an element to Yxy 54.9492, 0.3675, 0.3676 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(223, 190, 157) }
```

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

```
.border{ border-color:rgb(223, 190, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 190, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 190, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 190, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 190,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9492, 0.3675, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 190, 157) }
```

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

```
.background{ background-color: rgb(223,  
190, 157) }
```

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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