

Converting Colors

Yxy(54.3177, 0.3850, 0.3977)

Have a look what the booklet for
Yxy(54.3177, 0.3850, 0.3977)
contains.

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Color

Yxy(54.2997, 0.3856, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	DDBF84
RGB	221, 191, 132
RGB Percent	87%, 75%, 52%
CMY	0.1332, 0.2510, 0.4823
CMYK	0.00, 0.14, 0.40, 0.13
HSL	40°, 57%, 69%
HSV	40°, 40%, 87%
XYZ	52.6212, 54.2997, 29.5448
YIQ	193.2440, 36.8190, -11.9890

Conversions

Conversions Part 2

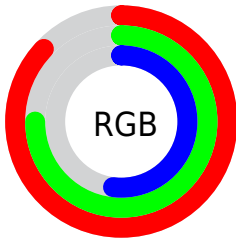
Format	Color
RYB	177, 221, 132
Decimal	14532484
CIELab	78.64, 2.65, 33.69
CIELCh	79, 33.789, 85.508
Yxy	54.2997, 0.3856, 0.3979
Android (android.graphics.Color)	4292722564 (0xFFDDBF84)
YUV	193.2440, -30.1933, 24.3420
Hunter-Lab	73.6883, -1.4869, 27.8099

Details

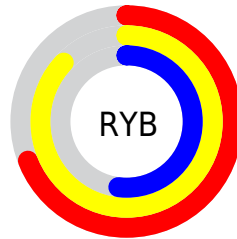
The Yxy color **54.2997, 0.3856, 0.3979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.9881, 0.2449, 0.2482**, and the grayscale version is **53.6480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3267, 0.3557, 0.3897**, and **26.6787, 0.4027, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **50.5895, 0.4067, 0.4142**, and if you desaturate by 10%, it is **58.3088, 0.3653, 0.3806**.

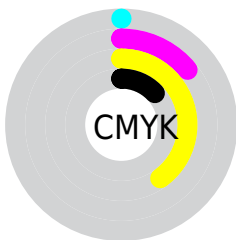
Distribution



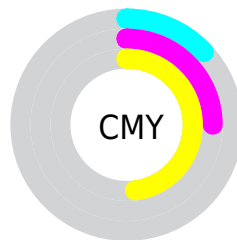
- Red (87%)
- Green (75%)
- Blue (52%)



- Red (69%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (13%)




- Cyan (13%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2997, 0.3856, 0.3979 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 54.2997, 0.3856, 0.3979 by changing the saturation by 10% instead.


 54.2997, 0.3856,
0.3979


 54.2997, 0.3856,
0.3979


403.2518, 0.3506,
0.3652

 38.8413, 0.3938,
0.4054


 96.5141, 0.3733,
0.3865

 26.6363, 0.4038,
0.4146


 124.0390, 0.3685,
0.3821

 17.3003, 0.4165,
0.4260


 156.3548, 0.3644,
0.3782

 10.4488, 0.4327,
0.4402

193.8459, 0.3609,
0.3749

 5.6975, 0.4534,
0.4579

236.8968, 0.3578,
0.3720

 2.6620, 0.5005,
0.4995

285.8918, 0.3551,

 0.9580, 0.5058,

0.3695

0.4942

341.2154, 0.3527,
0.3672

0.0000, 0.0000,
0.0000

54.2997, 0.3856,
0.3979

54.2997, 0.3856,
0.3979

50.5895, 0.4067,
0.4142

58.3088, 0.3653,
0.3806

47.1600, 0.4280,
0.4284

62.6190, 0.3463,
0.3630

44.0021, 0.4485,
0.4393


67.2421, 0.3289,
0.3459


41.1028, 0.4671,
0.4460


72.1868, 0.3131,
0.3294

38.4473, 0.4829,
0.4476


77.4612, 0.2990,
0.3140

 36.0731, 0.4954,
0.4448

 82.4370, 0.2918,
0.3092

 86.8151, 0.2920,
0.3169

 91.3745, 0.2922,
0.3245

 94.1160, 0.2923,
0.3289

Harmonies

Analogous

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



54.2997, 0.4022, 0.3688



54.2997, 0.3856, 0.3979



54.2997, 0.3497, 0.4102

Triad

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



54.2997, 0.3856, 0.3979



54.2997, 0.2383, 0.3165



54.2997, 0.3151, 0.2719

Complementary

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



54.2997, 0.3856, 0.3979



35.9881, 0.2449, 0.2482

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.



54.2997, 0.2724, 0.2580



54.2997, 0.3856, 0.3979



54.2997, 0.2305, 0.2801

Square

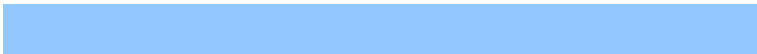
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.2997, 0.3856, 0.3979



54.2997, 0.2649, 0.3609



54.2997, 0.2425, 0.2601



54.2997, 0.3601, 0.2986

Rectangle

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



54.2997, 0.3856, 0.3979



54.2997, 0.3203, 0.4045



54.2997, 0.2425, 0.2601



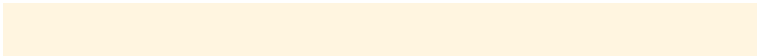
54.2997, 0.3000, 0.2657

Sweetspot

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



54.3022, 0.3856, 0.3979



91.7722, 0.3320, 0.3490



34.5353, 0.3780, 0.2920



19.4598, 0.3342, 0.3512



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.



54.3022, 0.3856, 0.3979



70.8850, 0.4027, 0.4112



66.7552, 0.3622, 0.4321



14.4853, 0.3275, 0.3444



21.1675, 0.4939, 0.4460



1.5281, 0.4787, 0.4581

Inverse Universe

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



35.9881, 0.2449, 0.2482



42.4066, 0.2303, 0.2283



27.7842, 0.2487, 0.2091



13.3316, 0.2981, 0.3131



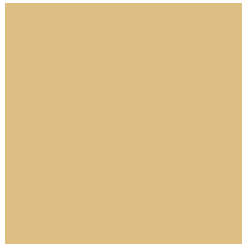
6.1099, 0.1638, 0.1098



0.5520, 0.1730, 0.1428

Previews

White Background



This preview shows how the Yxy color 54.2997, 0.3856, 0.3979 looks on a white background.

Color Contrast Check

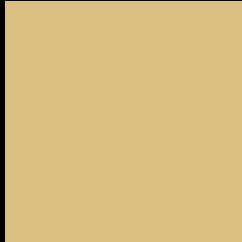
Large Text (above 18pt) WCAG AA × Fail

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 54.2997, 0.3856, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

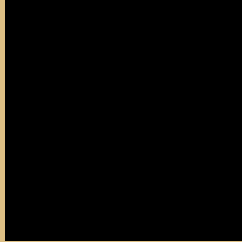
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2997, 0.3856, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 54.2997, 0.3856, 0.3979.



This preview shows how white text looks on a background with the Yxy color 54.2997, 0.3856, 0.3979.

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

54.2997, 0.3856, 0.3979

Protanopia

54.6003, 0.3735, 0.4023

Deuteranopia

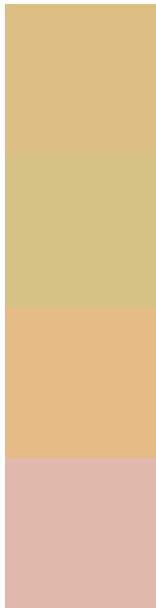
54.1349, 0.3978, 0.3888



Tritanopia

54.3922, 0.3399, 0.3133

Trichromacy



Original Color

54.2997, 0.3856, 0.3979

Protanomaly

54.7241, 0.3782, 0.4015

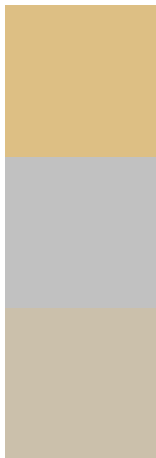
Deuteranomaly

54.3179, 0.3933, 0.3918

Tritanomaly

54.1425, 0.3569, 0.3442

Monochromacy



Original Color

54.2997, 0.3856, 0.3979

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3361, 0.3382, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2997, 0.3856, 0.3979 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, 191, 132)` looks like.

```
.text, #text, p{  
    color:rgb(221, 191, 132)  
}
```

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, 191, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 191, 132) }
```

Border

The CSS property to change the border of an element to Yxy 54.2997, 0.3856, 0.3979 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, 191, 132) }
```

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

```
.border{ border-color:rgb(221, 191, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 191, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 191, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 191, 132); box-shadow:4px 4px 4px 4px rgb(221, 191, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2997, 0.3856, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 191, 132) }
```

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

```
.background{ background-color: rgb(221,  
191, 132) }
```

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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