

Converting Colors

Yxy(54.2322, 0.3722, 0.3836)

Have a look what the booklet for
Yxy(54.2322, 0.3722, 0.3836)
contains.

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Color

Yxy(54.2114, 0.3725, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	DABF91
RGB	218, 191, 145
RGB Percent	85%, 75%, 57%
CMY	0.1451, 0.2510, 0.4312
CMYK	0.00, 0.12, 0.33, 0.15
HSL	38°, 50%, 71%
HSV	38°, 33%, 85%
XYZ	52.6564, 54.2114, 34.4917
YIQ	193.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

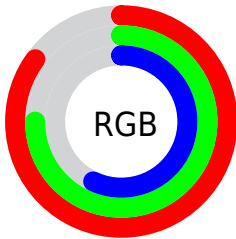
Format	Color
R _Y B	188, 218, 145
Decimal	14335889
CIE Lab	78.58, 2.96, 26.74
CIE LCh	79, 26.903, 83.685
Yxy	54.2114, 0.3725, 0.3835
Android (android.graphics.Color)	4292525969 (0xFFDABF91)
YUV	193.8290, -24.0727, 21.1980
Hunter-Lab	73.6284, -1.1927, 23.7651

Details

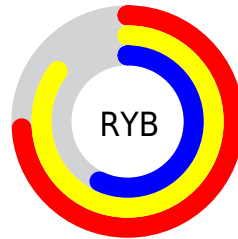
The Yxy color $54.2114, 0.3725, 0.3835$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.6017, 0.2576, 0.2675$, and the grayscale version is $53.9764, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9050, 0.3476, 0.3766$, and $26.6665, 0.3880, 0.3978$ is the 20% darker color. If you saturate the color by 10%, you get $50.1829, 0.3938, 0.3998$, and if you desaturate by 10%, it is $58.5677, 0.3526, 0.3667$.

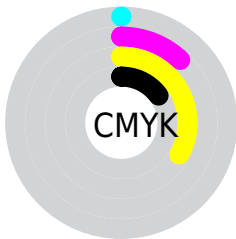
Distribution



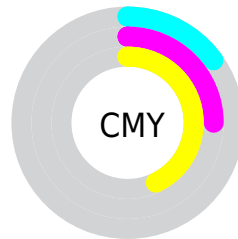
- Red (85%)
- Green (75%)
- Blue (57%)



- Red (74%)
- Yellow (85%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2114, 0.3725, 0.3835 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 54.2114, 0.3725, 0.3835 by changing the saturation by 10% instead.


 54.2114, 0.3725,
0.3835


 54.2114, 0.3725,
0.3835


402.9156, 0.3435,
0.3574

 38.7707, 0.3794,
0.3896


 96.3846, 0.3622,
0.3743

 26.5814, 0.3880,
0.3971


 123.8858, 0.3583,
0.3708

 17.2591, 0.3990,
0.4067


156.1761, 0.3549,
0.3678

 10.4194, 0.4135,
0.4191

193.6397, 0.3520,
0.3651

 5.6779, 0.4332,
0.4353

236.6610, 0.3495,
0.3628

 2.6502, 0.4693,
0.4655

285.6245, 0.3472,

 0.9520, 0.5080,

0.3608

0.4920

340.9146, 0.3453,
0.3590

0.0000, 0.0000,
0.0000

54.2114, 0.3725,
0.3835

54.2114, 0.3725,
0.3835

50.1829, 0.3938,
0.3998

58.5677, 0.3526,
0.3667

46.4641, 0.4160,
0.4149

63.2541, 0.3344,
0.3502

43.0463, 0.4383,
0.4276

68.2824, 0.3180,
0.3343

39.9171, 0.4597,
0.4367

73.6614, 0.3033,
0.3193

37.0625, 0.4790,
0.4411

79.3995, 0.2903,
0.3054

■ 34.4665, 0.4953,
0.4404

■ 84.0892, 0.2900,
0.3129

■ 32.8945, 0.5044,
0.4377

■ 88.9279, 0.2903,
0.3212

■ 93.6448, 0.2906,
0.3289

Harmonies

Analogous

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



54.2114, 0.3841, 0.3602



54.2114, 0.3725, 0.3835



54.2114, 0.3448, 0.3932

Triad

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



54.2114, 0.3725, 0.3835



54.2114, 0.2536, 0.3217



54.2114, 0.3127, 0.2817

Complementary

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



54.2114, 0.3725, 0.3835



40.6017, 0.2576, 0.2675

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.



54.2114, 0.2787, 0.2711



54.2114, 0.3725, 0.3835



54.2114, 0.2461, 0.2918

Square

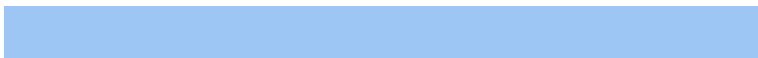
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.2114, 0.3725, 0.3835



54.2114, 0.2763, 0.3564



54.2114, 0.2550, 0.2742



54.2114, 0.3486, 0.3031

Rectangle

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



54.2114, 0.3725, 0.3835



54.2114, 0.3215, 0.3891



54.2114, 0.2550, 0.2742



54.2114, 0.3007, 0.2768

Sweetspot

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



54.2139, 0.3725, 0.3835



92.5929, 0.3287, 0.3447



38.1849, 0.3605, 0.2955



19.6045, 0.3311, 0.3470



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.



54.2139, 0.3725, 0.3835



73.3217, 0.3870, 0.3949



65.8122, 0.3562, 0.4140



14.4119, 0.3276, 0.3437



19.9203, 0.5028, 0.4390



1.4533, 0.4857, 0.4526

Inverse Universe

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



40.6017, 0.2576, 0.2675



51.1390, 0.2454, 0.2522



32.1505, 0.2595, 0.2316



13.4023, 0.2981, 0.3139



6.7166, 0.1663, 0.1185



0.5968, 0.1754, 0.1514

Previews

White Background



This preview shows how the Yxy color 54.2114, 0.3725, 0.3835 looks on a white background.

Color Contrast Check

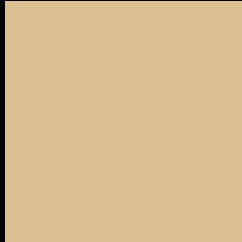
Large Text (above 18pt) WCAG AA × Fail

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 54.2114, 0.3725, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

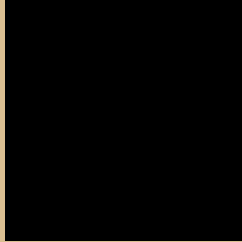
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2114, 0.3725, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 54.2114, 0.3725, 0.3835.



This preview shows how white text looks on a background with the Yxy color 54.2114, 0.3725, 0.3835.

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

54.2114, 0.3725, 0.3835

Protanopia

54.1001, 0.3611, 0.3863

Deuteranopia

54.2740, 0.3830, 0.3761



Tritanopia

54.2055, 0.3355, 0.3131

Trichromacy



Original Color

54.2114, 0.3725, 0.3835

Protanomaly

54.2123, 0.3657, 0.3857

Deuteranomaly

54.0493, 0.3791, 0.3779

Tritanomaly

54.3249, 0.3490, 0.3384

Monochromacy



Original Color

54.2114, 0.3725, 0.3835

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9710, 0.3340, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2114, 0.3725, 0.3835 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(218, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 145)  
}
```

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(218, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 145) }
```

Border

The CSS property to change the border of an element to Yxy 54.2114, 0.3725, 0.3835 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(218, 191, 145) }
```

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

```
.border{ border-color:rgb(218, 191, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 191, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 191, 145); box-shadow:4px 4px 4px 4px rgb(218, 191, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2114, 0.3725, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 145) }
```

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

```
.background{ background-color: rgb(218,  
191, 145) }
```

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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