

Converting Colors

Yxy(54.1048, 0.3805, 0.4029)

Have a look what the booklet for
Yxy(54.1048, 0.3805, 0.4029)
contains.

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Color

Yxy(54.2257, 0.3802, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	D7C183
RGB	215, 193, 131
RGB Percent	84%, 76%, 51%
CMY	0.1568, 0.2431, 0.4863
CMYK	0.00, 0.10, 0.39, 0.16
HSL	44°, 51%, 68%
HSV	44°, 39%, 84%
XYZ	51.1960, 54.2257, 29.2337
YIQ	192.5100, 33.0140, -14.6180

Conversions

Conversions Part 2

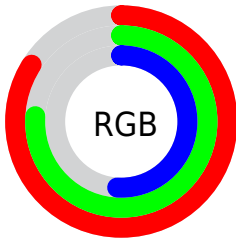
Format	Color
RYB	161, 215, 131
Decimal	14139779
CIELab	78.59, -0.91, 34.07
CIELCh	79, 34.080, 91.528
Yxy	54.2257, 0.3802, 0.4027
Android (android.graphics.Color)	4292329859 (0xFFD7C183)
YUV	192.5100, -30.3244, 19.7237
Hunter-Lab	73.6381, -4.7668, 28.0091

Details

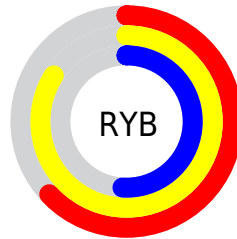
The Yxy color **54.2257, 0.3802, 0.4027** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5178, 0.2457, 0.2420**, and the grayscale version is **53.1946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5141, 0.3558, 0.3925**, and **26.7212, 0.3963, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **51.2598, 0.3994, 0.4207**, and if you desaturate by 10%, it is **57.4126, 0.3614, 0.3837**.

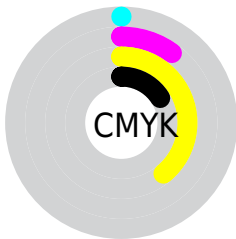
Distribution



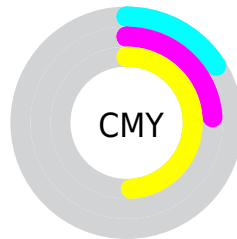
- Red (84%)
- Green (76%)
- Blue (51%)



- Red (63%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (16%)




- Cyan (16%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2257, 0.3802, 0.4027 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 54.2257, 0.3802, 0.4027 by changing the saturation by 10% instead.


 54.2257, 0.3802,
0.4027


 54.2257, 0.3802,
0.4027


402.9701, 0.3479,
0.3673


 38.7821, 0.3877,
0.4109


 96.4056, 0.3689,
0.3903

 26.5903, 0.3968,
0.4211


 123.9106, 0.3645,
0.3855

 17.2658, 0.4083,
0.4338


 156.2050, 0.3608,
0.3814

 10.4241, 0.4228,
0.4500

193.6731, 0.3575,
0.3778

 5.6811, 0.4409,
0.4706

236.6992, 0.3547,
0.3747

 2.6521, 0.4827,
0.5173

285.6678, 0.3521,

 0.9529, 0.4809,

0.3719

0.5191

340.9633, 0.3499,
0.3695

0.0000, 0.0000,
0.0000

54.2257, 0.3802,
0.4027

54.2257, 0.3802,
0.4027

51.2598, 0.3994,
0.4207

57.4126, 0.3614,
0.3837

48.4987, 0.4182,
0.4365

60.8209, 0.3435,
0.3644

45.9355, 0.4359,
0.4492


64.4605, 0.3267,
0.3455


43.5597, 0.4516,
0.4578


68.3383, 0.3114,
0.3274


41.3588, 0.4645,
0.4616


72.4609, 0.2974,
0.3103


 39.3136, 0.4745,
0.4609

 76.5085, 0.2877,
0.2994

 39.1323, 0.4754,
0.4608

 79.6391, 0.2879,
0.3054

 82.8716, 0.2882,
0.3114

 86.2068, 0.2884,
0.3173

Harmonies

Analogous

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



54.2257, 0.4016, 0.3758



54.2257, 0.3802, 0.4027



54.2257, 0.3413, 0.4106

Triad

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



54.2257, 0.3802, 0.4027



54.2257, 0.2345, 0.3079



54.2257, 0.3245, 0.2760

Complementary

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



54.2257, 0.3802, 0.4027



32.5178, 0.2457, 0.2420

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.



54.2257, 0.2799, 0.2590



54.2257, 0.3802, 0.4027



54.2257, 0.2307, 0.2742

Square

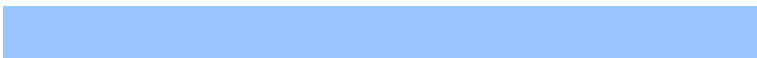
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.2257, 0.3802, 0.4027



54.2257, 0.2577, 0.3523



54.2257, 0.2466, 0.2577



54.2257, 0.3687, 0.3049

Rectangle

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



54.2257, 0.3802, 0.4027



54.2257, 0.3112, 0.4012



54.2257, 0.2466, 0.2577



54.2257, 0.3090, 0.2688

Sweetspot

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



54.2282, 0.3802, 0.4027



93.1723, 0.3317, 0.3512



32.9918, 0.3833, 0.3016



19.7903, 0.3339, 0.3536



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.



54.2282, 0.3802, 0.4027



76.1019, 0.3962, 0.4178



61.9109, 0.3551, 0.4310



13.9434, 0.3273, 0.3461



23.5798, 0.4743, 0.4616



1.5535, 0.4628, 0.4708

Inverse Universe

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



32.5178, 0.2457, 0.2420



39.8617, 0.2300, 0.2193



27.6756, 0.2570, 0.2151



12.5328, 0.2982, 0.3113



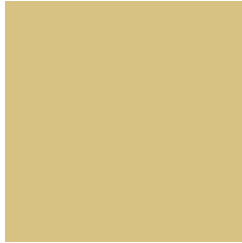
4.7948, 0.1590, 0.0922



0.4248, 0.1684, 0.1263

Previews

White Background



This preview shows how the Yxy color 54.2257, 0.3802, 0.4027 looks on a white background.

Color Contrast Check

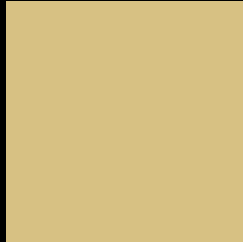
Large Text (above 18pt) WCAG AA × Fail

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 54.2257, 0.3802, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

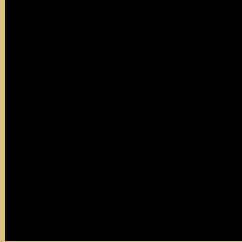
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2257, 0.3802, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 54.2257, 0.3802, 0.4027.

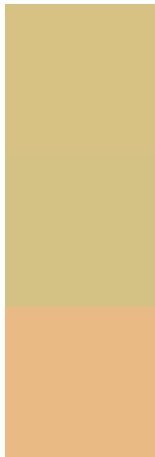


This preview shows how white text looks on a background with the Yxy color 54.2257, 0.3802, 0.4027.

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

54.2257, 0.3802, 0.4027

Protanopia

54.0984, 0.3754, 0.4036

Deuteranopia

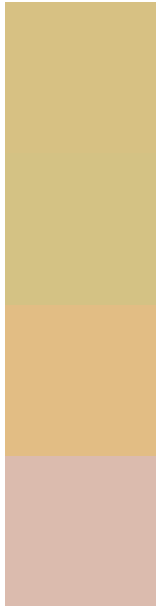
54.1074, 0.3986, 0.3898



Tritanopia

53.9341, 0.3330, 0.3119

Trichromacy



Original Color

54.2257, 0.3802, 0.4027

Protanomaly

54.2466, 0.3763, 0.4034

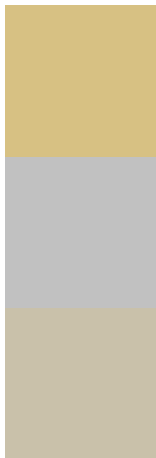
Deuteranomaly

54.2299, 0.3910, 0.3946

Tritanomaly

53.6567, 0.3506, 0.3444

Monochromacy



Original Color

54.2257, 0.3802, 0.4027

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4597, 0.3371, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2257, 0.3802, 0.4027 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(215, 193, 131)` looks like.

```
.text, #text, p{  
  color:rgb(215, 193, 131)  
}
```

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(215, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 131) }
```

Border

The CSS property to change the border of an element to Yxy 54.2257, 0.3802, 0.4027 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(215, 193, 131) }
```

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

```
.border{ border-color:rgb(215, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2257, 0.3802, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 131) }
```

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

```
.background{ background-color: rgb(215,  
193, 131) }
```

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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