

Converting Colors

$Y_{xy}(54.2710, 0.3862, 0.4159)$

Have a look what the booklet for
Yxy(54.2710, 0.3862, 0.4159)
contains.

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Color

Yxy(54.2602, 0.3864, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	D6C279
RGB	214, 194, 121
RGB Percent	84%, 76%, 47%
CMY	0.1608, 0.2392, 0.5256
CMYK	0.00, 0.09, 0.43, 0.16
HSL	47°, 53%, 66%
HSV	47°, 43%, 84%
XYZ	50.4722, 54.2602, 25.8892
YIQ	191.6580, 35.3530, -18.4630

Conversions

Conversions Part 2

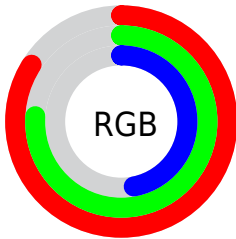
Format	Color
R_{YB}	146, 214, 121
Decimal	14074489
CIE Lab	78.61, -2.92, 39.22
CIE LCh	79, 39.332, 94.260
Yxy	54.2602, 0.3864, 0.4154
Android (android.graphics.Color)	4292264569 (0xFFD6C279)
YUV	191.6580, -34.8344, 19.5939
Hunter-Lab	73.6615, -6.6012, 30.7249

Details

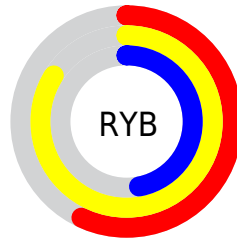
The Yxy color **54.2602, 0.3864, 0.4154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.9525, 0.2364, 0.2237**, and the grayscale version is **52.6932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6872, 0.3622, 0.4042**, and **26.7738, 0.4036, 0.4363** is the 20% darker color. If you saturate the color by 10%, you get **51.7795, 0.4043, 0.4334**, and if you desaturate by 10%, it is **56.9257, 0.3683, 0.3958**.

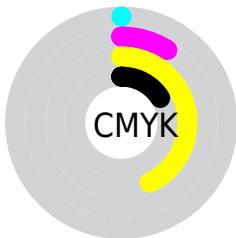
Distribution



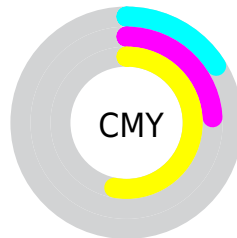
- Red (84%)
- Green (76%)
- Blue (47%)



- Red (57%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2602, 0.3864, 0.4154 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 54.2602, 0.3864, 0.4154 by changing the saturation by 10% instead.


 54.2602, 0.3864,
0.4154

 54.2602, 0.3864,
0.4154


403.1015, 0.3516,
0.3740

 38.8097, 0.3942,
0.4249


 96.4562, 0.3743,
0.4009

 26.6117, 0.4038,
0.4366


 123.9705, 0.3696,
0.3953

 17.2818, 0.4154,
0.4511


 156.2749, 0.3656,
0.3905

 10.4356, 0.4295,
0.4691

193.7537, 0.3620,
0.3863

 5.6887, 0.4467,
0.4921

236.7914, 0.3589,
0.3826

 2.6568, 0.4725,
0.5275

285.7723, 0.3562,

 0.9553, 0.4664,

0.3794

0.5336

341.0808, 0.3537,
0.3765

0.0000, 0.0000,
0.0000

54.2602, 0.3864,
0.4154

54.2602, 0.3864,
0.4154

51.7795, 0.4043,
0.4334

56.9257, 0.3683,
0.3958

49.4678, 0.4211,
0.4488

59.7760, 0.3506,
0.3755

47.3181, 0.4363,
0.4605

62.8208, 0.3337,
0.3552

45.3199, 0.4489,
0.4678

66.0667, 0.3179,
0.3356

43.4604, 0.4586,
0.4703

69.5198, 0.3034,
0.3169

■ 42.3081, 0.4637,
0.4700

■ 73.1861, 0.2901,
0.2995

■ 76.0141, 0.2870,
0.2987

■ 78.5513, 0.2872,
0.3036

■ 81.1560, 0.2874,
0.3085

Harmonies

Analogous

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



54.2602, 0.4139, 0.3850



54.2602, 0.3864, 0.4154



54.2602, 0.3402, 0.4232

Triad

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



54.2602, 0.3864, 0.4154



54.2602, 0.2221, 0.2998



54.2602, 0.3309, 0.2711

Complementary

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



54.2602, 0.3864, 0.4154



27.9525, 0.2364, 0.2237

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.



54.2602, 0.2790, 0.2505



54.2602, 0.3864, 0.4154



54.2602, 0.2200, 0.2632

Square

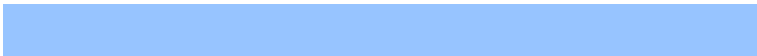
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.2602, 0.3864, 0.4154



54.2602, 0.2462, 0.3509



54.2602, 0.2398, 0.2470



54.2602, 0.3813, 0.3046

Rectangle

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



54.2602, 0.3864, 0.4154



54.2602, 0.3057, 0.4107



54.2602, 0.2398, 0.2470



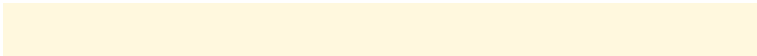
54.2602, 0.3129, 0.2626

Sweetspot

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



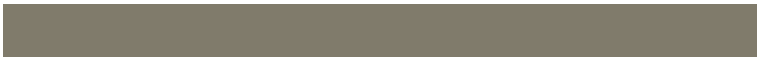
54.2627, 0.3864, 0.4154



93.5853, 0.3331, 0.3546



29.8879, 0.4010, 0.3043



19.8091, 0.3368, 0.3590



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.



54.2627, 0.3864, 0.4154



77.3454, 0.4026, 0.4318



60.1171, 0.3556, 0.4440



14.0460, 0.3272, 0.3472



25.7304, 0.4629, 0.4707



1.6673, 0.4539, 0.4778

Inverse Universe

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



27.9525, 0.2364, 0.2237



33.4847, 0.2190, 0.1972



24.7532, 0.2534, 0.2019



12.4369, 0.2982, 0.3101



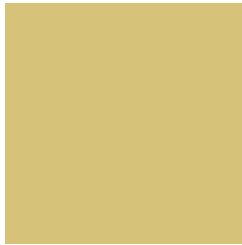
4.2396, 0.1564, 0.0830



0.3792, 0.1654, 0.1154

Previews

White Background



This preview shows how the Yxy color 54.2602, 0.3864, 0.4154 looks on a white background.

Color Contrast Check

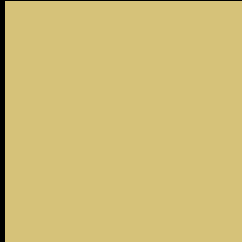
Large Text (above 18pt) WCAG AA × Fail

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 54.2602, 0.3864, 0.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

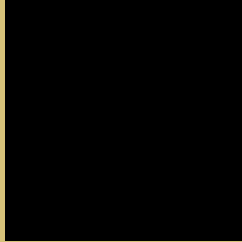
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2602, 0.3864, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 54.2602, 0.3864, 0.4154.

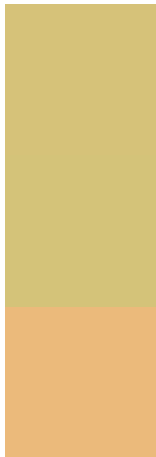


This preview shows how white text looks on a background with the Yxy color 54.2602, 0.3864, 0.4154.

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

54.2602, 0.3864, 0.4154

Protanopia

54.4077, 0.3841, 0.4170

Deuteranopia

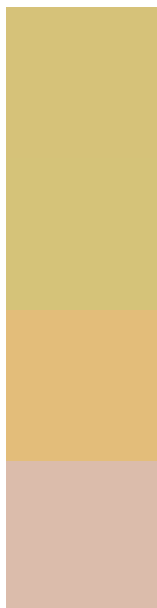
54.2100, 0.4077, 0.3989



Tritanopia

54.3510, 0.3328, 0.3131

Trichromacy



Original Color

54.2602, 0.3864, 0.4154

Protanomaly

54.5568, 0.3850, 0.4167

Deuteranomaly

54.1312, 0.3997, 0.4053

Tritanomaly

53.9668, 0.3529, 0.3491

Monochromacy



Original Color

54.2602, 0.3864, 0.4154

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1725, 0.3394, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2602, 0.3864, 0.4154 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(214, 194, 121)` looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 121)  
}
```

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(214, 194, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 121) }
```

Border

The CSS property to change the border of an element to Yxy 54.2602, 0.3864, 0.4154 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(214, 194, 121) }
```

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

```
.border{ border-color:rgb(214, 194, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 121);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2602, 0.3864, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 121) }
```

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

```
.background{ background-color: rgb(214,  
194, 121) }
```

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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