

Converting Colors

$Yxy(55.3510, 0.3966, 0.4127)$

Have a look what the booklet for
Yxy(55.3510, 0.3966, 0.4127)
contains.

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Color

Yxy(55.3433, 0.3965, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	E0C178
RGB	224, 193, 120
RGB Percent	88%, 76%, 47%
CMY	0.1214, 0.2432, 0.5294
CMYK	0.00, 0.14, 0.46, 0.12
HSL	42°, 63%, 67%
HSV	42°, 46%, 88%
XYZ	53.2096, 55.3433, 25.6453
YIQ	193.9470, 41.9090, -16.1310

Conversions

Conversions Part 2

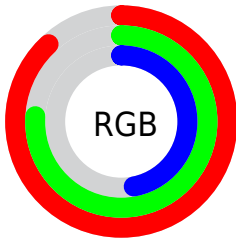
Format	Color
RYB	164, 224, 120
Decimal	14729592
CIELab	79.24, 1.57, 40.69
CIELCh	79, 40.722, 87.785
Yxy	55.3433, 0.3965, 0.4124
Android (android.graphics.Color)	4292919672 (0xFFE0C178)
YUV	193.9470, -36.4559, 26.3565
Hunter-Lab	74.3931, -2.5160, 31.6363

Details

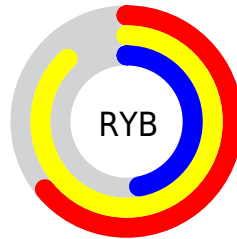
The Yxy color **55.3433, 0.3965, 0.4124** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **31.5243, 0.2327, 0.2272**, and the grayscale version is **54.1203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0285, 0.3631, 0.4043**, and **27.4139, 0.4159, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **51.9747, 0.4166, 0.4283**, and if you desaturate by 10%, it is **58.9780, 0.3765, 0.3948**.

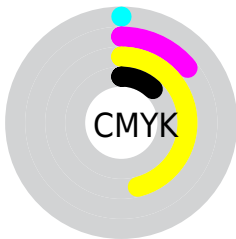
Distribution



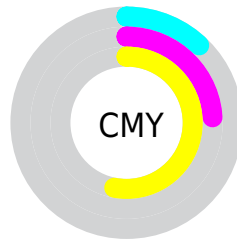
- Red (88%)
- Green (76%)
- Blue (47%)



- Red (64%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)
- Black (12%)





- Cyan (12%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3433, 0.3965, 0.4124 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 55.3433, 0.3965, 0.4124 by changing the saturation by 10% instead.


 55.3433, 0.3965,
0.4124

 55.3433, 0.3965,
0.4124


407.2119, 0.3568,
0.3732

 39.6766, 0.4055,
0.4212


 98.0438, 0.3827,
0.3989

 27.2865, 0.4163,
0.4317


 125.8464, 0.3774,
0.3936

 17.7885, 0.4296,
0.4445


 158.4631, 0.3727,
0.3890

 10.7983, 0.4459,
0.4600

196.2783, 0.3687,
0.3850

 5.9313, 0.4663,
0.4789

239.6764, 0.3652,
0.3815

 2.8034, 0.4950,
0.5050

289.0417, 0.3621,

 1.0300, 0.4981,

0.3784

0.5019

344.7588, 0.3593,
0.3757

0.0000, 0.0000,
0.0000

55.3433, 0.3965,
0.4124

55.3433, 0.3965,
0.4124

51.9747, 0.4166,
0.4283

58.9780, 0.3765,
0.3948

48.8537, 0.4361,
0.4413

62.8808, 0.3573,
0.3764

45.9708, 0.4538,
0.4504

67.0635, 0.3392,
0.3580


43.3124, 0.4690,
0.4547

71.5346, 0.3226,
0.3401


40.8616, 0.4811,
0.4541

76.3023, 0.3075,
0.3231

 40.0296, 0.4850,
0.4531

 81.3741, 0.2939,
0.3071

 85.2712, 0.2937,
0.3135

 89.2759, 0.2939,
0.3203

 93.4271, 0.2940,
0.3271

Harmonies

Analogous

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



55.3433, 0.4192, 0.3778



55.3433, 0.3965, 0.4124



55.3433, 0.3520, 0.4269

Triad

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



55.3433, 0.3965, 0.4124



55.3433, 0.2232, 0.3093



55.3433, 0.3193, 0.2638

Complementary

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



55.3433, 0.3965, 0.4124



31.5243, 0.2327, 0.2272

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.



55.3433, 0.2679, 0.2461



55.3433, 0.3965, 0.4124



55.3433, 0.2162, 0.2677

Square

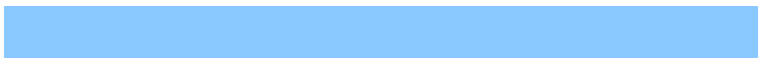
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3433, 0.3965, 0.4124



55.3433, 0.2524, 0.3633



55.3433, 0.2317, 0.2466



55.3433, 0.3731, 0.2956

Rectangle

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



55.3433, 0.3965, 0.4124



55.3433, 0.3168, 0.4191



55.3433, 0.2317, 0.2466



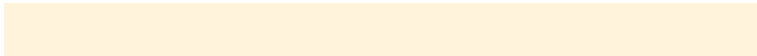
55.3433, 0.3011, 0.2561

Sweetspot

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



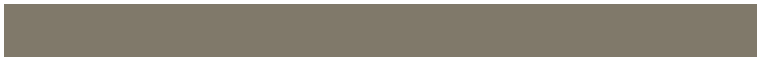
55.3459, 0.3965, 0.4124



91.3004, 0.3352, 0.3537



31.5269, 0.3996, 0.2925



19.2700, 0.3389, 0.3577



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.



55.3459, 0.3965, 0.4124



69.7147, 0.4166, 0.4282



67.4177, 0.3648, 0.4493



15.3028, 0.3275, 0.3454



23.5006, 0.4837, 0.4541



1.7830, 0.4714, 0.4639

Inverse Universe

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



31.5243, 0.2327, 0.2272



34.0586, 0.2147, 0.2006



24.4616, 0.2409, 0.1893



13.9067, 0.2981, 0.3121



5.6340, 0.1611, 0.0999



0.5437, 0.1696, 0.1306

Previews

White Background



This preview shows how the Yxy color 55.3433, 0.3965, 0.4124 looks on a white background.

Color Contrast Check

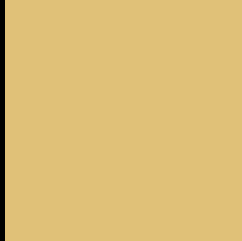
Large Text (above 18pt) WCAG AA × Fail

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 55.3433, 0.3965, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

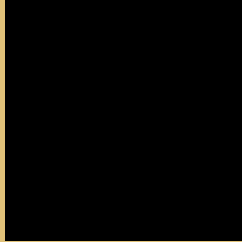
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3433, 0.3965, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 55.3433, 0.3965, 0.4124.



This preview shows how white text looks on a background with the Yxy color 55.3433, 0.3965, 0.4124.

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

55.3433, 0.3965, 0.4124

Protanopia

55.1565, 0.3854, 0.4174

Deuteranopia

55.5241, 0.4107, 0.4022



Tritanopia

55.5140, 0.3423, 0.3135

Trichromacy



Original Color

55.3433, 0.3965, 0.4124

Protanomaly

55.3161, 0.3894, 0.4152

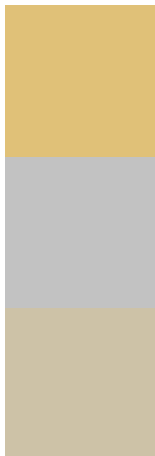
Deuteranomaly

55.5310, 0.4052, 0.4057

Tritanomaly

55.1009, 0.3627, 0.3486

Monochromacy



Original Color

55.3433, 0.3965, 0.4124

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3527, 0.3426, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3433, 0.3965, 0.4124 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(224, 193, 120)` looks like.

```
.text, #text, p{  
    color:rgb(224, 193, 120)  
}
```

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(224, 193, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 193, 120) }
```

Border

The CSS property to change the border of an element to Yxy 55.3433, 0.3965, 0.4124 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(224, 193, 120) }
```

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

```
.border{ border-color:rgb(224, 193, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 193, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 193, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 193, 120);  
box-shadow:4px 4px 4px 4px rgb(224, 193,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3433, 0.3965, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 193, 120) }
```

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

```
.background{ background-color: rgb(224,  
193, 120) }
```

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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