

Converting Colors

$Yxy(63.5250, 0.3896, 0.4240)$

Have a look what the booklet for
Yxy(63.5250, 0.3896, 0.4240)
contains.

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Color

Yxy(63.5250, 0.3896, 0.4240)

Conversions

Conversions Part 1

Format	Color
Hex	E4D17B
RGB	228, 209, 123
RGB Percent	89%, 82%, 48%
CMY	0.1059, 0.1804, 0.5176
CMYK	0.00, 0.08, 0.46, 0.11
HSL	49°, 66%, 69%
HSV	49°, 46%, 89%
XYZ	58.3711, 63.5250, 27.9270
YIQ	204.8770, 38.9300, -22.7180

Conversions

Conversions Part 2

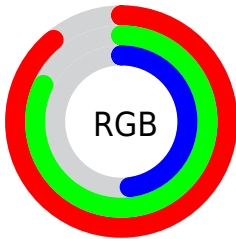
Format	Color
R _Y B	146, 228, 123
Decimal	14995835
CIE Lab	83.72, -4.82, 44.85
CIE LCh	84, 45.113, 96.130
Yxy	63.5250, 0.3896, 0.4240
Android (android.graphics.Color)	4293185915 (0xFFE4D17B)
YUV	204.8770, -40.3654, 20.2789
Hunter-Lab	79.7026, -8.7530, 35.0171

Details

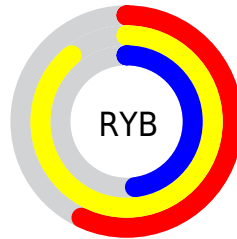
The Yxy color **63.5250, 0.3896, 0.4240** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.1612, 0.2302, 0.2108**, and the grayscale version is **61.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **32.5685, 0.4061, 0.4455** is the 20% darker color. If you saturate the color by 10%, you get **61.0237, 0.4064, 0.4420**, and if you desaturate by 10%, it is **66.2176, 0.3722, 0.4040**.

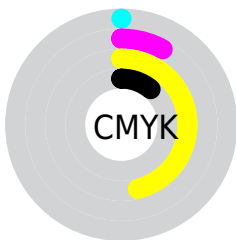
Distribution



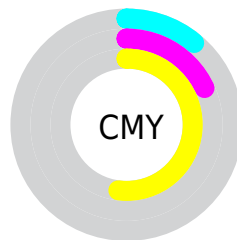
- Red (89%)
- Green (82%)
- Blue (48%)



- Red (57%)
- Yellow (89%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (46%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5250, 0.3896, 0.4240 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 63.5250, 0.3896, 0.4240 by changing the saturation by 10% instead.


 63.5250, 0.3896,
0.4240


 63.5250, 0.3896,
0.4240


437.4723, 0.3546,
0.3798


 46.2661, 0.3971,
0.4338


 109.9266, 0.3778,
0.4088

 32.4558, 0.4060,
0.4456


 139.8380, 0.3731,
0.4028

 21.7099, 0.4166,
0.4601


 174.7357, 0.3690,
0.3977

 13.6439, 0.4289,
0.4776

215.0041, 0.3654,
0.3932

 7.8734, 0.4426,
0.4986

261.0276, 0.3622,
0.3892

 4.0141, 0.4659,
0.5341

313.1905, 0.3594,

 1.6814, 0.4586,

0.3857

0.5414

371.8773, 0.3569,
0.3826

0.4116, 0.3993,
0.6007

0.0000, 0.0000,
0.0000

63.5250, 0.3896,
0.4240

63.5250, 0.3896,
0.4240

61.0237, 0.4064,
0.4420

66.2176, 0.3722,
0.4040

58.6950, 0.4218,
0.4570


69.1015, 0.3547,
0.3830

56.5310, 0.4351,
0.4680


72.1878, 0.3379,
0.3618


54.5189, 0.4457,
0.4744

75.4840, 0.3219,
0.3411


 52.6429, 0.4533,
0.4763


 78.9973, 0.3070,
0.3213

 51.9286, 0.4559,
0.4762

 82.4205, 0.2961,
0.3074

 84.7935, 0.2962,
0.3116

 87.2216, 0.2962,
0.3158

 89.7050, 0.2963,
0.3200

Harmonies

Analogous

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



63.5250, 0.4215, 0.3914



63.5250, 0.3896, 0.4240



63.5250, 0.3386, 0.4315

Triad

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



63.5250, 0.3896, 0.4240



63.5250, 0.2140, 0.2937



63.5250, 0.3359, 0.2685

Complementary

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



63.5250, 0.3896, 0.4240



29.1612, 0.2302, 0.2108

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.



63.5250, 0.2792, 0.2453



63.5250, 0.3896, 0.4240



63.5250, 0.2134, 0.2557

Square

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



63.5250, 0.3896, 0.4240



63.5250, 0.2383, 0.3489



63.5250, 0.2359, 0.2401



63.5250, 0.3903, 0.3049

Rectangle

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



63.5250, 0.3896, 0.4240



63.5250, 0.3012, 0.4166



63.5250, 0.2359, 0.2401



63.5250, 0.3163, 0.2590

Sweetspot

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



63.5280, 0.3896, 0.4240



93.8583, 0.3346, 0.3577



32.6237, 0.4138, 0.3070



19.8974, 0.3382, 0.3623



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.



63.5280, 0.3896, 0.4240



78.8776, 0.4052, 0.4408



68.4865, 0.3552, 0.4524



16.3503, 0.3272, 0.3481



30.1454, 0.4552, 0.4767



2.3437, 0.4491, 0.4816

Inverse Universe

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



29.1612, 0.2302, 0.2108



29.6404, 0.2120, 0.1823



26.8640, 0.2517, 0.1940



14.3067, 0.2980, 0.3091



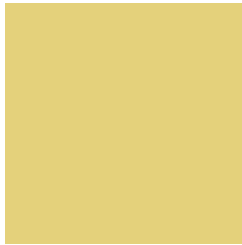
4.2834, 0.1547, 0.0770



0.4393, 0.1616, 0.1018

Previews

White Background



This preview shows how the Yxy color 63.5250, 0.3896, 0.4240 looks on a white background.

Color Contrast Check

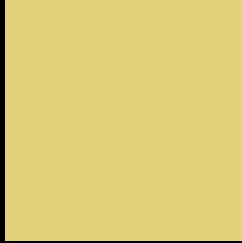
Large Text (above 18pt) WCAG AA × Fail

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 63.5250, 0.3896, 0.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

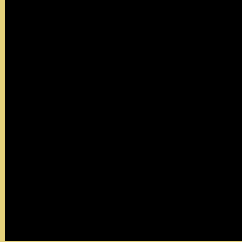
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5250, 0.3896, 0.4240

Background



This preview shows how black text looks on a background with the Yxy color 63.5250, 0.3896, 0.4240.



This preview shows how white text looks on a background with the Yxy color 63.5250, 0.3896, 0.4240.

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

63.5250, 0.3896, 0.4240

Protanopia

63.6890, 0.3904, 0.4237

Deuteranopia

63.2102, 0.4142, 0.4051



Tritanopia

63.2477, 0.3317, 0.3119

Trichromacy



Original Color

63.5250, 0.3896, 0.4240

Protanomaly

63.6890, 0.3904, 0.4237

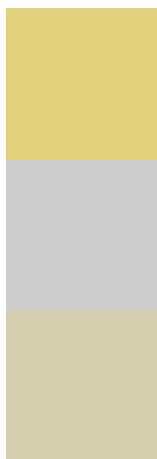
Deuteranomaly

63.4002, 0.4053, 0.4124

Tritanomaly

63.0697, 0.3541, 0.3523

Monochromacy



Original Color

63.5250, 0.3896, 0.4240

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3839, 0.3407, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5250, 0.3896, 0.4240 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(228, 209, 123)` looks like.

```
.text, #text, p{  
    color:rgb(228, 209, 123)  
}
```

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(228, 209, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 209, 123) }
```

Border

The CSS property to change the border of an element to Yxy 63.5250, 0.3896, 0.4240 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(228, 209, 123) }
```

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

```
.border{ border-color:rgb(228, 209, 123) }
```

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

Here you see how a box with a 4 pixel rgb(228, 209, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 209, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 209, 123);  
box-shadow:4px 4px 4px 4px rgb(228, 209,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5250, 0.3896, 0.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 209, 123) }
```

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

```
.background{ background-color: rgb(228,  
209, 123) }
```

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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