

Converting Colors

Yxy(64.2083, 0.3969, 0.4386)

Have a look what the booklet for
Yxy(64.2083, 0.3969, 0.4386)
contains.

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Color

Yxy(64.2083, 0.3969, 0.4386)

Conversions

Conversions Part 1

Format	Color
Hex	E4D36E
RGB	228, 211, 110
RGB Percent	89%, 83%, 43%
CMY	0.1059, 0.1725, 0.5686
CMYK	0.00, 0.07, 0.52, 0.11
HSL	51°, 69%, 66%
HSV	51°, 52%, 89%
XYZ	58.1037, 64.2083, 24.0818
YIQ	204.5690, 42.5530, -27.8070

Conversions

Conversions Part 2

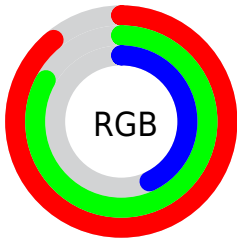
Format	Color
RYB	130, 228, 110
Decimal	14996334
CIELab	84.07, -7.00, 51.59
CIELCh	84, 52.065, 97.730
Yxy	64.2083, 0.3969, 0.4386
Android (android.graphics.Color)	4293186414 (0xFFE4D36E)
YUV	204.5690, -46.6225, 20.5490
Hunter-Lab	80.1301, -10.7943, 38.2724

Details

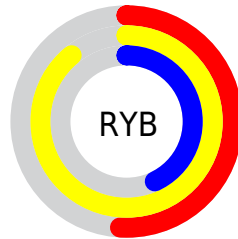
The Yxy color **64.2083, 0.3969, 0.4386** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.0935, 0.2178, 0.1872**, and the grayscale version is **61.0452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4603, 0.3666, 0.4181**, and **32.9655, 0.4130, 0.4631** is the 20% darker color. If you saturate the color by 10%, you get **62.1619, 0.4119, 0.4555**, and if you desaturate by 10%, it is **66.4218, 0.3806, 0.4190**.

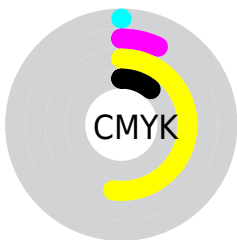
Distribution



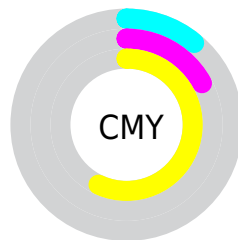
- Red (89%)
- Green (83%)
- Blue (43%)



- Red (51%)
- Yellow (89%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)
- Black (11%)





- Cyan (11%)
- Magenta (17%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2083, 0.3969, 0.4386 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 64.2083, 0.3969, 0.4386 by changing the saturation by 10% instead.


 64.2083, 0.3969,
0.4386


 64.2083, 0.3969,
0.4386


439.9415, 0.3594,
0.3880

 46.8194, 0.4046,
0.4496


 110.9109, 0.3845,
0.4214


 32.8929, 0.4135,
0.4627


 140.9933, 0.3794,
0.4145

 22.0444, 0.4237,
0.4783


 176.0758, 0.3750,
0.4086

 13.8895, 0.4349,
0.4968

 216.5426, 0.3711,
0.4034

 8.0439, 0.4477,
0.5200

262.7782, 0.3677,
0.3989

 4.1230, 0.4564,
0.5436

315.1669, 0.3646,

 1.7426, 0.4459,

0.3948

0.5541

374.0932, 0.3619,
0.3912

0.4510, 0.3636,
0.6364

0.0000, 0.0000,
0.0000

64.2083, 0.3969,
0.4386

64.2083, 0.3969,
0.4386

62.1619, 0.4119,
0.4555

66.4218, 0.3806,
0.4190

60.2633, 0.4249,
0.4688

68.8025, 0.3638,
0.3978


58.5039, 0.4355,
0.4777


71.3618, 0.3470,
0.3758

56.8697, 0.4431,
0.4821

74.1074, 0.3307,
0.3539


 55.5977, 0.4476,
0.4828

 77.0464, 0.3153,
0.3326

 80.1855, 0.3010,
0.3124

 82.5549, 0.2961,
0.3076

 84.4419, 0.2961,
0.3110

 86.3638, 0.2962,
0.3144

Harmonies

Analogous

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



64.2083, 0.4357, 0.4009



64.2083, 0.3969, 0.4386



64.2083, 0.3377, 0.4473

Triad

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



64.2083, 0.3969, 0.4386



64.2083, 0.2002, 0.2846



64.2083, 0.3425, 0.2623

Complementary

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



64.2083, 0.3969, 0.4386



24.0935, 0.2178, 0.1872

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.



64.2083, 0.2772, 0.2355



64.2083, 0.3969, 0.4386



64.2083, 0.2012, 0.2436

Square

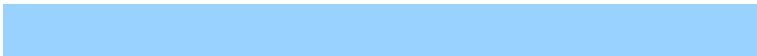
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2083, 0.3969, 0.4386



64.2083, 0.2256, 0.3478



64.2083, 0.2275, 0.2281



64.2083, 0.4048, 0.3034

Rectangle

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



64.2083, 0.3969, 0.4386



64.2083, 0.2952, 0.4290



64.2083, 0.2275, 0.2281



64.2083, 0.3199, 0.2515

Sweetspot

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



64.2113, 0.3969, 0.4386



93.9533, 0.3377, 0.3634



29.1963, 0.4390, 0.3092



19.9534, 0.3411, 0.3679



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.



64.2113, 0.3969, 0.4386



79.9642, 0.4128, 0.4565



67.1398, 0.3561, 0.4690



16.4447, 0.3271, 0.3490



32.2388, 0.4471, 0.4832



2.4796, 0.4424, 0.4869

Inverse Universe

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



24.0935, 0.2178, 0.1872



23.1095, 0.1973, 0.1538



23.3611, 0.2455, 0.1770



14.2203, 0.2980, 0.3082



3.9604, 0.1533, 0.0719



0.3985, 0.1594, 0.0938

Previews

White Background



This preview shows how the Yxy color 64.2083, 0.3969, 0.4386 looks on a white background.

Color Contrast Check

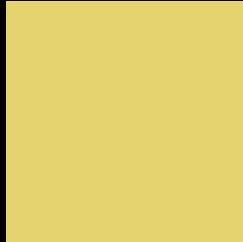
Large Text (above 18pt) WCAG AA × Fail

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 64.2083, 0.3969, 0.4386 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 64.2083, 0.3969, 0.4386

Background



This preview shows how black text looks on a background with the Yxy color 64.2083, 0.3969, 0.4386.



This preview shows how white text looks on a background with the Yxy color 64.2083, 0.3969, 0.4386.

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

64.2083, 0.3969, 0.4386

Protanopia

64.2079, 0.3999, 0.4366

Deuteranopia

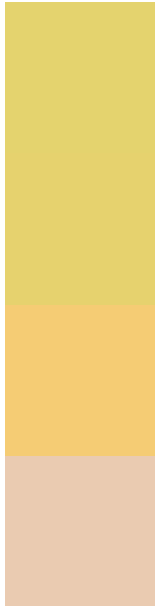
63.9005, 0.4195, 0.4110



Tritanopia

63.9303, 0.3316, 0.3120

Trichromacy



Original Color

64.2083, 0.3969, 0.4386

Protanomaly

64.0420, 0.3991, 0.4369

Deuteranomaly

63.8592, 0.4110, 0.4206

Tritanomaly

63.3786, 0.3570, 0.3579

Monochromacy



Original Color

64.2083, 0.3969, 0.4386

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6741, 0.3442, 0.3724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2083, 0.3969, 0.4386 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, 211, 110)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 110)  
}
```

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, 211, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 110) }
```

Border

The CSS property to change the border of an element to Yxy 64.2083, 0.3969, 0.4386 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, 211, 110) }
```

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

```
.border{ border-color:rgb(228, 211, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 110);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2083, 0.3969, 0.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 110) }
```

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

```
.background{ background-color: rgb(228,  
211, 110) }
```

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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