

Converting Colors

Yxy(64.4938, 0.3678, 0.3972)

Have a look what the booklet for
Yxy(64.4938, 0.3678, 0.3972)
contains.

Yxy(64.3027, 0.3679, 0.3969)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.3027, 0.3679, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	E1D296
RGB	225, 210, 150
RGB Percent	88%, 82%, 59%
CMY	0.1176, 0.1765, 0.4119
CMYK	0.00, 0.07, 0.33, 0.12
HSL	48°, 56%, 74%
HSV	48°, 33%, 88%
XYZ	59.6043, 64.3027, 38.1053
YIQ	207.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

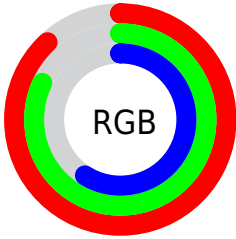
Format	Color
R _Y B	169, 225, 150
Decimal	14799510
CIE Lab	84.12, -3.59, 31.68
CIE LCh	84, 31.888, 96.468
Yxy	64.3027, 0.3679, 0.3969
Android (android.graphics.Color)	4292989590 (0xFFE1D296)
YUV	207.6450, -28.4190, 15.2203
Hunter-Lab	80.1890, -7.6519, 27.9580

Details

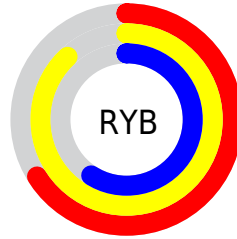
The Yxy color **64.3027, 0.3679, 0.3969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8178, 0.2554, 0.2503**, and the grayscale version is **63.0092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **33.0938, 0.3812, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **61.4575, 0.3857, 0.4169**, and if you desaturate by 10%, it is **67.3555, 0.3503, 0.3762**.

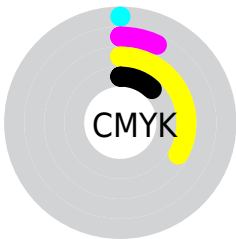
Distribution



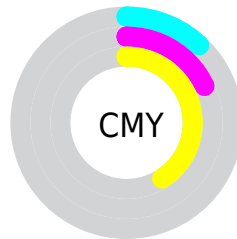
- Red (88%)
- Green (82%)
- Blue (59%)



- Red (66%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (12%)




- Cyan (12%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3027, 0.3679, 0.3969 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 64.3027, 0.3679, 0.3969 by changing the saturation by 10% instead.


 64.3027, 0.3679,
0.3969


 64.3027, 0.3679,
0.3969


440.2819, 0.3423,
0.3649

 46.8959, 0.3737,
0.4043


 111.0468, 0.3590,
0.3857

 32.9534, 0.3807,
0.4133

 141.1528, 0.3556,
0.3814

 22.0907, 0.3895,
0.4247


176.2607, 0.3526,
0.3777

 13.9236, 0.4005,
0.4394

216.7548, 0.3500,
0.3744

 8.0675, 0.4145,
0.4586

263.0197, 0.3477,
0.3716

 4.1382, 0.4333,
0.4855

315.4395, 0.3457,

 1.7512, 0.4663,

0.3691

0.5337

374.3988, 0.3439,
0.3669

0.4565, 0.4313,
0.5687

0.0000, 0.0000,
0.0000

64.3027, 0.3679,
0.3969

64.3027, 0.3679,
0.3969

61.4575, 0.3857,
0.4169

67.3555, 0.3503,
0.3762

58.8026, 0.4033,
0.4352


70.6149, 0.3335,
0.3556


56.3315, 0.4197,
0.4508


74.0912, 0.3177,
0.3355

54.0340, 0.4343,
0.4627


77.7913, 0.3032,
0.3165

 51.8980, 0.4464,
0.4702


 81.2315, 0.2942,
0.3059


 49.9091, 0.4555,
0.4729

 83.8057, 0.2943,
0.3106

 48.6545, 0.4603,
0.4727

 86.4455, 0.2944,
0.3153

 89.1511, 0.2945,
0.3199

 91.9231, 0.2945,
0.3244

Harmonies

Analogous

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



64.3027, 0.3897, 0.3758



64.3027, 0.3679, 0.3969



64.3027, 0.3319, 0.3996

Triad

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



64.3027, 0.3679, 0.3969



64.3027, 0.2412, 0.3050



64.3027, 0.3301, 0.2853

Complementary

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



64.3027, 0.3679, 0.3969



38.8178, 0.2554, 0.2503

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.



64.3027, 0.2898, 0.2680



64.3027, 0.3679, 0.3969



64.3027, 0.2407, 0.2770

Square

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



64.3027, 0.3679, 0.3969



64.3027, 0.2594, 0.3431



64.3027, 0.2578, 0.2646



64.3027, 0.3676, 0.3127

Rectangle

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



64.3027, 0.3679, 0.3969



64.3027, 0.3052, 0.3885



64.3027, 0.2578, 0.2646



64.3027, 0.3164, 0.2782

Sweetspot

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



64.3056, 0.3679, 0.3969



95.2534, 0.3282, 0.3489



40.5708, 0.3733, 0.3100



20.2505, 0.3305, 0.3518



0.0000, 0.0000, 0.0000



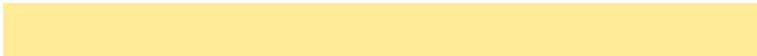
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3056, 0.3679, 0.3969



82.7448, 0.3803, 0.4108



68.8634, 0.3466, 0.4168



15.5393, 0.3272, 0.3476



28.2007, 0.4596, 0.4733



2.0745, 0.4522, 0.4792

Inverse Universe

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



38.8178, 0.2554, 0.2503



44.0351, 0.2420, 0.2307



35.9194, 0.2697, 0.2344



13.6851, 0.2981, 0.3097



4.3464, 0.1556, 0.0802



0.4275, 0.1633, 0.1077

Previews

White Background



This preview shows how the Yxy color 64.3027, 0.3679, 0.3969 looks on a white background.

Color Contrast Check

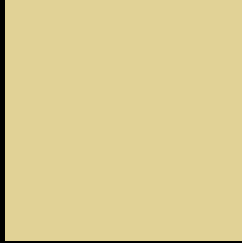
Large Text (above 18pt) WCAG AA × Fail

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 64.3027, 0.3679, 0.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

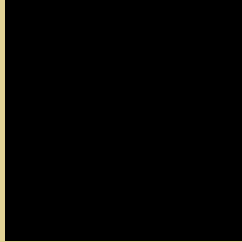
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3027, 0.3679, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 64.3027, 0.3679, 0.3969.

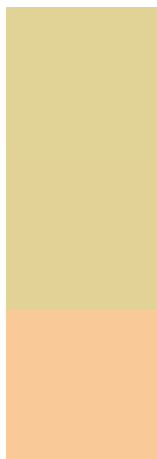


This preview shows how white text looks on a background with the Yxy color 64.3027, 0.3679, 0.3969.

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

64.3027, 0.3679, 0.3969

Protanopia

64.4639, 0.3687, 0.3967

Deuteranopia

64.1800, 0.3896, 0.3810



Tritanopia

64.1067, 0.3259, 0.3118

Trichromacy



Original Color

64.3027, 0.3679, 0.3969

Protanomaly

64.4639, 0.3687, 0.3967

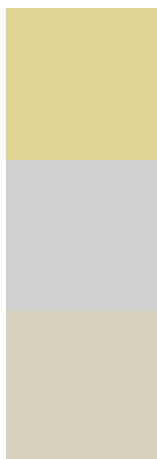
Deuteranomaly

63.9454, 0.3817, 0.3867

Tritanomaly

63.8590, 0.3412, 0.3413

Monochromacy



Original Color

64.3027, 0.3679, 0.3969

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4849, 0.3322, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3027, 0.3679, 0.3969 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(225, 210, 150)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 150)  
}
```

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(225, 210, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 150) }
```

Border

The CSS property to change the border of an element to Yxy 64.3027, 0.3679, 0.3969 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(225, 210, 150) }
```

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

```
.border{ border-color:rgb(225, 210, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 150);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3027, 0.3679, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 150) }
```

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

```
.background{ background-color: rgb(225,  
210, 150) }
```

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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