

Converting Colors

$Yxy(71.5656, 0.3747, 0.4041)$

Have a look what the booklet for
Yxy(71.5656, 0.3747, 0.4041)
contains.

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Color

Yxy(71.5656, 0.3747, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	EEDC96
RGB	238, 220, 150
RGB Percent	93%, 86%, 59%
CMY	0.0667, 0.1372, 0.4117
CMYK	0.00, 0.08, 0.37, 0.07
HSL	48°, 72%, 76%
HSV	48°, 37%, 93%
XYZ	66.3589, 71.5656, 39.1742
YIQ	217.4020, 33.1980, -17.9540

Conversions

Conversions Part 2

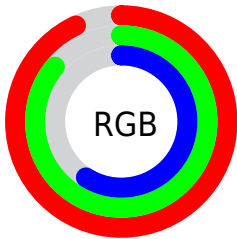
Format	Color
RYB	173, 238, 150
Decimal	15654038
CIELab	87.76, -3.67, 36.65
CIELCh	88, 36.831, 95.723
Yxy	71.5656, 0.3747, 0.4041
Android (android.graphics.Color)	4293844118 (0xFFEEDC96)
YUV	217.4020, -33.2292, 18.0644
Hunter-Lab	84.5965, -8.0254, 31.7620

Details

The Yxy color **71.5656, 0.3747, 0.4041** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6660, 0.2483, 0.2403**, and the grayscale version is **69.8962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **37.6159, 0.3887, 0.4211** is the 20% darker color. If you saturate the color by 10%, you get **68.3602, 0.3927, 0.4235**, and if you desaturate by 10%, it is **75.0077, 0.3568, 0.3836**.

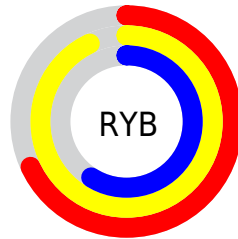
Distribution



Red (93%)

Green (86%)

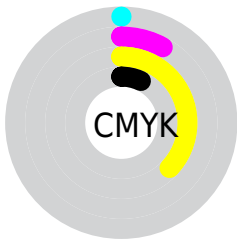
Blue (59%)



Red (68%)

Yellow (93%)

Blue (59%)

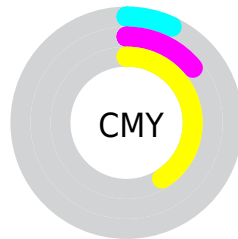


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5656, 0.3747, 0.4041 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 71.5656, 0.3747, 0.4041 by changing the saturation by 10% instead.


 71.5656, 0.3747,
0.4041


 71.5656, 0.3747,
0.4041

466.0282, 0.3466,
0.3695

 52.8039, 0.3808,
0.4118


 121.4387, 0.3651,
0.3922

 37.6462, 0.3882,
0.4212


 153.3189, 0.3614,
0.3876

 25.7082, 0.3973,
0.4328


190.3408, 0.3581,
0.3835

 16.6055, 0.4084,
0.4473

232.8886, 0.3552,
0.3800

 9.9536, 0.4220,
0.4658

281.3469, 0.3527,
0.3769

 5.3682, 0.4388,
0.4897

336.1000, 0.3504,

 2.4649, 0.4682,

0.3742

0.5318

397.5323, 0.3484,
0.3717

0.8590, 0.4583,
0.5417

0.0000, 0.0000,
0.0000

71.5656, 0.3747,
0.4041

71.5656, 0.3747,
0.4041

68.3602, 0.3927,
0.4235

75.0077, 0.3568,
0.3836

65.3716, 0.4101,
0.4409


78.6858, 0.3396,
0.3629


62.5918, 0.4261,
0.4552

82.6121, 0.3234,
0.3426


60.0083, 0.4400,
0.4655

86.7945, 0.3083,
0.3232

 57.6065, 0.4512,
0.4711

 90.3052, 0.3024,
0.3184

 55.3677, 0.4594,
0.4720

 93.2788, 0.3024,
0.3233

 54.7127, 0.4615,
0.4717

 96.3303, 0.3023,
0.3281

 96.9172, 0.3023,
0.3290

Harmonies

Analogous

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



71.5656, 0.3988, 0.3797



71.5656, 0.3747, 0.4041



71.5656, 0.3348, 0.4084

Triad

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



71.5656, 0.3747, 0.4041



71.5656, 0.2338, 0.3028



71.5656, 0.3308, 0.2801

Complementary

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



71.5656, 0.3747, 0.4041



40.6660, 0.2483, 0.2403

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.



71.5656, 0.2861, 0.2614



71.5656, 0.3747, 0.4041



71.5656, 0.2328, 0.2716

Square

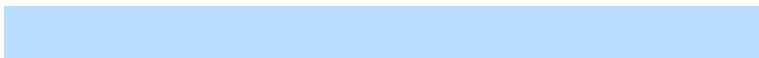
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5656, 0.3747, 0.4041



71.5656, 0.2542, 0.3457



71.5656, 0.2511, 0.2578



71.5656, 0.3730, 0.3099

Rectangle

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



71.5656, 0.3747, 0.4041



71.5656, 0.3051, 0.3966



71.5656, 0.2511, 0.2578



71.5656, 0.3154, 0.2724

Sweetspot

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



71.5689, 0.3747, 0.4041



94.7176, 0.3298, 0.3508



42.8611, 0.3831, 0.3078



20.1395, 0.3320, 0.3536



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.



71.5689, 0.3747, 0.4041



80.9804, 0.3876, 0.4183



77.5085, 0.3501, 0.4270



17.8779, 0.3273, 0.3477



30.7145, 0.4607, 0.4724



2.6920, 0.4542, 0.4775

Inverse Universe

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



40.6660, 0.2483, 0.2403



40.2222, 0.2343, 0.2195



37.0968, 0.2638, 0.2224



15.7523, 0.2980, 0.3096



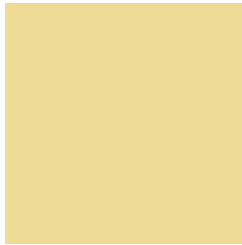
4.8015, 0.1557, 0.0805



0.5369, 0.1621, 0.1034

Previews

White Background



This preview shows how the Yxy color 71.5656, 0.3747, 0.4041 looks on a white background.

Color Contrast Check

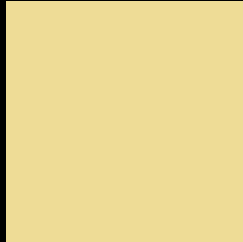
Large Text (above 18pt) WCAG AA × Fail

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 71.5656, 0.3747, 0.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

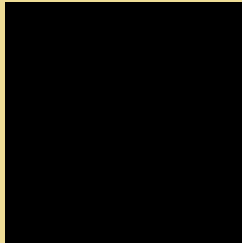
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5656, 0.3747, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 71.5656, 0.3747, 0.4041.



This preview shows how white text looks on a background with the Yxy color 71.5656, 0.3747, 0.4041.

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

71.5656, 0.3747, 0.4041

Protanopia

71.5656, 0.3747, 0.4041

Deuteranopia

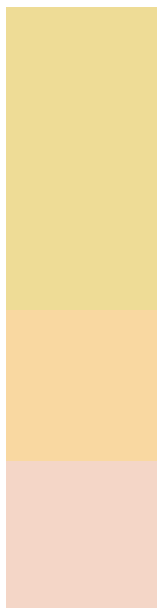
71.6757, 0.3778, 0.3755



Tritanopia

71.4134, 0.3284, 0.3116

Trichromacy



Original Color

71.5656, 0.3747, 0.4041

Protanomaly

71.5656, 0.3747, 0.4041

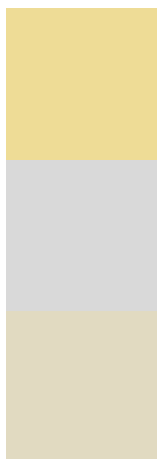
Deuteranomaly

71.8247, 0.3771, 0.3866

Tritanomaly

71.4498, 0.3459, 0.3449

Monochromacy



Original Color

71.5656, 0.3747, 0.4041

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0006, 0.3350, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5656, 0.3747, 0.4041 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(238, 220, 150)` looks like.

```
.text, #text, p{  
  color:rgb(238, 220, 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(238, 220, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 150) }
```

Border

The CSS property to change the border of an element to Yxy 71.5656, 0.3747, 0.4041 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(238, 220, 150) }
```

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

```
.border{ border-color:rgb(238, 220, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 150);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5656, 0.3747, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 150) }
```

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

```
.background{ background-color: rgb(238,  
220, 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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