

Converting Colors

$Y_{xy}(72.1976, 0.3958, 0.4303)$

Have a look what the booklet for
Yxy(72.1976, 0.3958, 0.4303)
contains.

Yxy(72.1976, 0.3958, 0.4303)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.1976, 0.3958, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	F3DD7B
RGB	243, 221, 123
RGB Percent	95%, 87%, 48%
CMY	0.0468, 0.1334, 0.5176
CMYK	0.00, 0.09, 0.49, 0.05
HSL	49°, 83%, 72%
HSV	49°, 49%, 95%
XYZ	66.4090, 72.1976, 29.1777
YIQ	216.4060, 44.5700, -25.8140

Conversions

Conversions Part 2

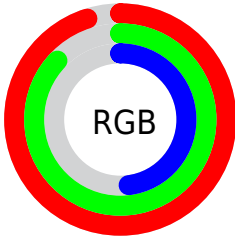
Format	Color
R _{YB}	150, 243, 123
Decimal	15981947
CIE Lab	88.06, -4.87, 50.48
CIE LCh	88, 50.713, 95.515
Yxy	72.1976, 0.3958, 0.4303
Android (android.graphics.Color)	4294172027 (0xFFFF3DD7B)
YUV	216.4060, -46.0492, 23.3229
Hunter-Lab	84.9692, -9.1865, 39.1187

Details

The Yxy color **72.1976, 0.3958, 0.4303** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.9630, 0.2233, 0.2005**, and the grayscale version is **69.2651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **38.0417, 0.4126, 0.4513** is the 20% darker color. If you saturate the color by 10%, you get **69.3375, 0.4123, 0.4474**, and if you desaturate by 10%, it is **75.2784, 0.3784, 0.4109**.

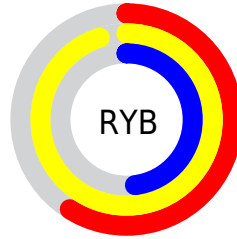
Distribution



Red (95%)

Green (87%)

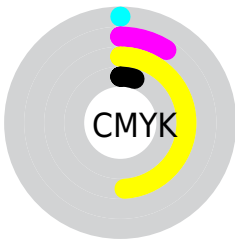
Blue (48%)



Red (59%)

Yellow (95%)

Blue (48%)

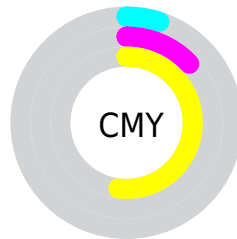


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1976, 0.3958, 0.4303 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 72.1976, 0.3958, 0.4303 by changing the saturation by 10% instead.


 72.1976, 0.3958,
0.4303


 72.1976, 0.3958,
0.4303


468.2291, 0.3591,
0.3845

 53.3201, 0.4034,
0.4401


 122.3374, 0.3837,
0.4149

 38.0584, 0.4122,
0.4517


 154.3685, 0.3787,
0.4087

 26.0280, 0.4225,
0.4655


 191.5530, 0.3744,
0.4034

 16.8446, 0.4342,
0.4818

234.2752, 0.3707,
0.3987

 10.1237, 0.4467,
0.5008

282.9195, 0.3673,
0.3945

 5.4811, 0.4678,
0.5322

337.8703, 0.3643,

 2.5322, 0.4621,

0.3908

0.5379

399.5120, 0.3616,
0.3875

■ 0.8927, 0.4497,
0.5503

■ 0.0000, 0.0000,
0.0000

■ 72.1976, 0.3958,
0.4303

■ 72.1976, 0.3958,
0.4303

■ 69.3375, 0.4123,
0.4474

■ 75.2784, 0.3784,
0.4109

■ 66.6761, 0.4272,
0.4610


■ 78.5804, 0.3608,
0.3901


■ 64.2032, 0.4397,
0.4704


■ 82.1168, 0.3436,
0.3689

■ 61.9029, 0.4494,
0.4752


■ 85.8967, 0.3271,
0.3480


 59.7506, 0.4563,
0.4756

 89.9286, 0.3118,
0.3278

 59.6221, 0.4567,
0.4756

 93.2963, 0.3055,
0.3220

 96.0741, 0.3054,
0.3263

 97.8049, 0.3054,
0.3290

Harmonies

Analogous

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



72.1976, 0.4299, 0.3942



72.1976, 0.3958, 0.4303



72.1976, 0.3412, 0.4401

Triad

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



72.1976, 0.3958, 0.4303



72.1976, 0.2075, 0.2916



72.1976, 0.3362, 0.2636

Complementary

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



72.1976, 0.3958, 0.4303



30.9630, 0.2233, 0.2005

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.



72.1976, 0.2754, 0.2394



72.1976, 0.3958, 0.4303



72.1976, 0.2064, 0.2508

Square

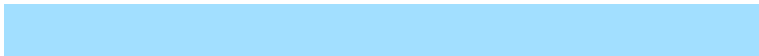
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1976, 0.3958, 0.4303



72.1976, 0.2336, 0.3516



72.1976, 0.2298, 0.2341



72.1976, 0.3953, 0.3020

Rectangle

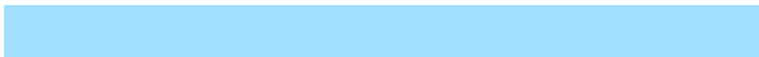
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1976, 0.3958, 0.4303



72.1976, 0.3011, 0.4248



72.1976, 0.2298, 0.2341



72.1976, 0.3150, 0.2537

Sweetspot

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



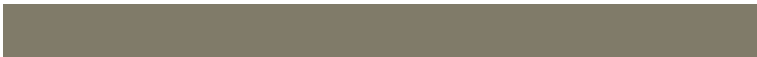
72.2010, 0.3958, 0.4303



93.3715, 0.3363, 0.3597



35.3414, 0.4234, 0.3033



19.7968, 0.3398, 0.3642



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.



72.2010, 0.3958, 0.4303



77.3943, 0.4120, 0.4470



78.8377, 0.3591, 0.4612



18.7651, 0.3273, 0.3482



32.8900, 0.4560, 0.4761



3.0222, 0.4506, 0.4804

Inverse Universe

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



30.9630, 0.2233, 0.2005



26.7560, 0.2046, 0.1705



28.0173, 0.2442, 0.1821



16.4195, 0.2979, 0.3091



4.7085, 0.1547, 0.0770



0.5465, 0.1605, 0.0977

Previews

White Background



This preview shows how the Yxy color 72.1976, 0.3958, 0.4303 looks on a white background.

Color Contrast Check

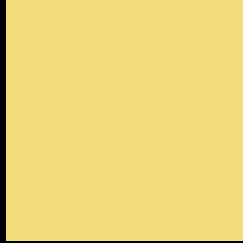
Large Text (above 18pt) WCAG AA × Fail

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 72.1976, 0.3958, 0.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

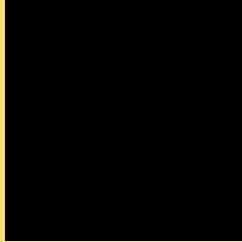
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1976, 0.3958, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 72.1976, 0.3958, 0.4303.



This preview shows how white text looks on a background with the Yxy color 72.1976, 0.3958, 0.4303.

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

72.1976, 0.3958, 0.4303

Protanopia

72.1976, 0.3958, 0.4303

Deuteranopia

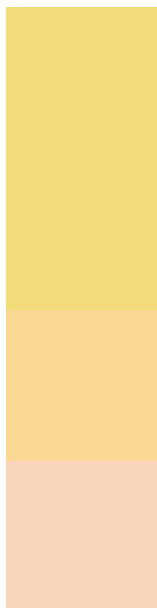
72.0335, 0.3804, 0.3806



Tritanopia

71.9198, 0.3345, 0.3129

Trichromacy



Original Color

72.1976, 0.3958, 0.4303

Protanomaly

72.1976, 0.3958, 0.4303

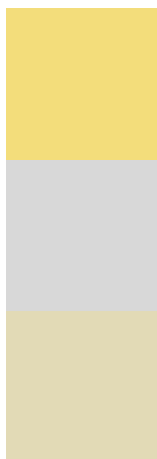
Deuteranomaly

72.3049, 0.3868, 0.3994

Tritanomaly

71.3591, 0.3582, 0.3553

Monochromacy



Original Color

72.1976, 0.3958, 0.4303

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6890, 0.3435, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1976, 0.3958, 0.4303 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(243, 221, 123)` looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 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(243, 221, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 123) }
```

Border

The CSS property to change the border of an element to Yxy 72.1976, 0.3958, 0.4303 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(243, 221, 123) }
```

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

```
.border{ border-color:rgb(243, 221, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 221, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 221, 123); box-shadow:4px 4px 4px 4px rgb(243, 221, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1976, 0.3958, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 123) }
```

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

```
.background{ background-color: rgb(243,  
221, 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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