

Converting Colors

$Yxy(72.1680, 0.3634, 0.3837)$

Have a look what the booklet for
Yxy(72.1680, 0.3634, 0.3837)
contains.

Yxy(72.0155, 0.3641, 0.3837)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.0155, 0.3641, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	F0DBA8
RGB	240, 219, 168
RGB Percent	94%, 86%, 66%
CMY	0.0588, 0.1412, 0.3412
CMYK	0.00, 0.09, 0.30, 0.06
HSL	42°, 71%, 80%
HSV	42°, 30%, 94%
XYZ	68.3368, 72.0155, 47.3347
YIQ	219.4650, 28.8870, -11.4090

Conversions

Conversions Part 2

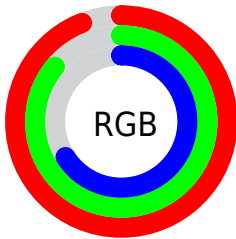
Format	Color
R _Y B	198, 240, 168
Decimal	15784872
CIE Lab	87.98, -0.24, 27.76
CIE LCh	88, 27.762, 90.504
Yxy	72.0155, 0.3641, 0.3837
Android (android.graphics.Color)	4293974952 (0xFFFF0DBA8)
YUV	219.4650, -25.3722, 18.0092
Hunter-Lab	84.8619, -4.7676, 26.3323

Details

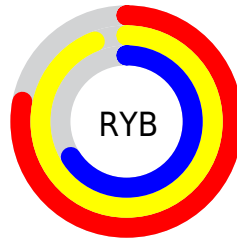
The Yxy color $72.0155, 0.3641, 0.3837$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $51.0078, 0.2625, 0.2674$, and the grayscale version is $71.3450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1077, 0.3315, 0.3601$, and $37.8792, 0.3754, 0.3955$ is the 20% darker color. If you saturate the color by 10%, you get $67.6285, 0.3836, 0.4021$, and if you desaturate by 10%, it is $76.7278, 0.3456, 0.3650$.

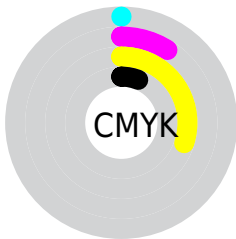
Distribution



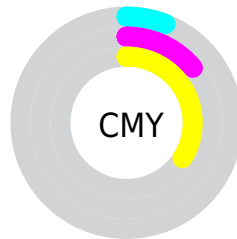
- Red (94%)
- Green (86%)
- Blue (66%)



- Red (78%)
- Yellow (94%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0155, 0.3641, 0.3837 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 72.0155, 0.3641, 0.3837 by changing the saturation by 10% instead.


 72.0155, 0.3641,
0.3837


 72.0155, 0.3641,
0.3837


467.5955, 0.3405,
0.3585

 53.1713, 0.3694,
0.3894

 122.0786, 0.3560,
0.3750

 37.9396, 0.3759,
0.3963


 154.0663, 0.3528,
0.3716

 25.9358, 0.3840,
0.4049

191.2039, 0.3500,
0.3687

 16.7756, 0.3943,
0.4159

233.8759, 0.3476,
0.3661

 10.0746, 0.4078,
0.4304

282.4667, 0.3455,
0.3639

 5.4485, 0.4257,
0.4496

337.3607, 0.3436,

 2.5127, 0.4646,

0.3619

0.4912

398.9421, 0.3420,
0.3601

0.8830, 0.4855,
0.5145

0.0000, 0.0000,
0.0000

72.0155, 0.3641,
0.3837

72.0155, 0.3641,
0.3837

67.6285, 0.3836,
0.4021

76.7278, 0.3456,
0.3650

63.5461, 0.4037,
0.4194

81.7658, 0.3284,
0.3466

59.7595, 0.4235,
0.4345

87.1425, 0.3127,
0.3290

56.2559, 0.4422,
0.4463

92.2743, 0.3037,
0.3211

■ 53.0204, 0.4589,
0.4538

■ 96.6375, 0.3036,
0.3280

■ 50.0359, 0.4726,
0.4563

■ 97.2679, 0.3035,
0.3290

■ 47.2779, 0.4835,
0.4543

Harmonies

Analogous

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



72.0155, 0.3789, 0.3643



72.0155, 0.3641, 0.3837



72.0155, 0.3358, 0.3888

Triad

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



72.0155, 0.3641, 0.3837



72.0155, 0.2541, 0.3152



72.0155, 0.3206, 0.2882

Complementary

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



72.0155, 0.3641, 0.3837



51.0078, 0.2625, 0.2674

Split Complementary

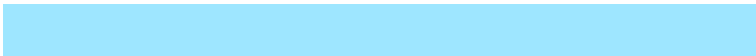
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0155, 0.2874, 0.2756



72.0155, 0.3641, 0.3837



72.0155, 0.2505, 0.2892

Square

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



72.0155, 0.3641, 0.3837



72.0155, 0.2726, 0.3475



72.0155, 0.2623, 0.2756



72.0155, 0.3532, 0.3103

Rectangle

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



72.0155, 0.3641, 0.3837



72.0155, 0.3134, 0.3819



72.0155, 0.2623, 0.2756



72.0155, 0.3092, 0.2828

Sweetspot

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



72.0188, 0.3641, 0.3837



94.4118, 0.3268, 0.3449



50.2264, 0.3599, 0.3054



20.0211, 0.3292, 0.3475



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.



72.0188, 0.3641, 0.3837



79.5203, 0.3759, 0.3950



81.2610, 0.3477, 0.4067



17.6347, 0.3275, 0.3457



26.1177, 0.4822, 0.4553



2.3434, 0.4720, 0.4635

Inverse Universe

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



51.0078, 0.2625, 0.2674



51.8452, 0.2513, 0.2525



44.2832, 0.2701, 0.2436



15.9800, 0.2980, 0.3118



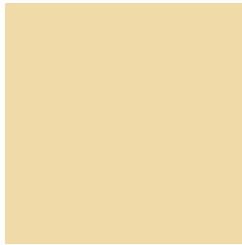
6.0412, 0.1605, 0.0979



0.6680, 0.1676, 0.1235

Previews

White Background



This preview shows how the Yxy color 72.0155, 0.3641, 0.3837 looks on a white background.

Color Contrast Check

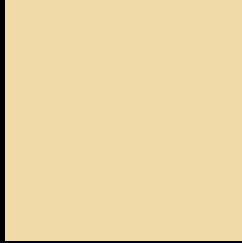
Large Text (above 18pt) WCAG AA × Fail

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 72.0155, 0.3641, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

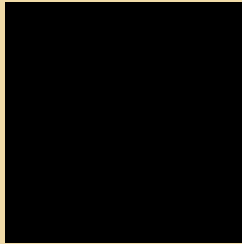
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0155, 0.3641, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 72.0155, 0.3641, 0.3837.



This preview shows how white text looks on a background with the Yxy color 72.0155, 0.3641, 0.3837.

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

72.0155, 0.3641, 0.3837

Protanopia

71.8838, 0.3600, 0.3842

Deuteranopia

71.9831, 0.3718, 0.3673



Tritanopia

71.9641, 0.3276, 0.3116

Trichromacy



Original Color

72.0155, 0.3641, 0.3837

Protanomaly

72.0555, 0.3607, 0.3841

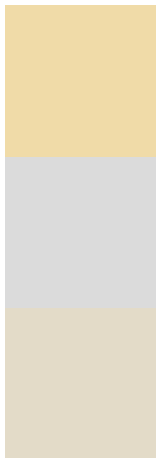
Deuteranomaly

71.9420, 0.3695, 0.3730

Tritanomaly

71.7825, 0.3408, 0.3375

Monochromacy



Original Color

72.0155, 0.3641, 0.3837

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.1641, 0.3315, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0155, 0.3641, 0.3837 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(240, 219, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 168)  
}
```

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(240, 219, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 168) }
```

Border

The CSS property to change the border of an element to Yxy 72.0155, 0.3641, 0.3837 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(240, 219, 168) }
```

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

```
.border{ border-color:rgb(240, 219, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
168) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0155, 0.3641, 0.3837$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 168) }
```

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

```
.background{ background-color: rgb(240,  
219, 168) }
```

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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