

Converting Colors

$Y_{xy}(75.5178, 0.3728, 0.4004)$

Have a look what the booklet for
Yxy(75.5178, 0.3728, 0.4004)
contains.

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Color

Yxy(75.5178, 0.3728, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	F4E19D
RGB	244, 225, 157
RGB Percent	96%, 88%, 62%
CMY	0.0433, 0.1176, 0.3842
CMYK	0.00, 0.08, 0.36, 0.04
HSL	47°, 80%, 79%
HSV	47°, 36%, 96%
XYZ	70.3123, 75.5178, 42.7758
YIQ	222.9290, 33.1520, -17.1200

Conversions

Conversions Part 2

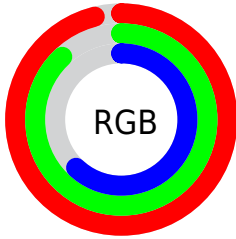
Format	Color
R _Y B	181, 244, 157
Decimal	16048541
CIE Lab	89.63, -3.12, 35.65
CIE LCh	90, 35.786, 95.001
Yxy	75.5178, 0.3728, 0.4004
Android (android.graphics.Color)	4294238621 (0xFFFF4E19D)
YUV	222.9290, -32.5030, 18.4793
Hunter-Lab	86.9010, -7.6509, 31.6460

Details

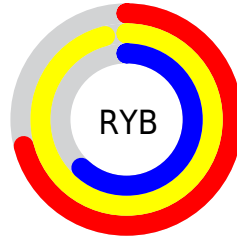
The Yxy color **75.5178, 0.3728, 0.4004** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.7391, 0.2510, 0.2454**, and the grayscale version is **73.9569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **40.3342, 0.3860, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **71.9383, 0.3911, 0.4198**, and if you desaturate by 10%, it is **79.3602, 0.3548, 0.3801**.

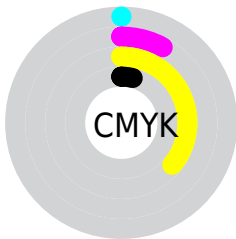
Distribution



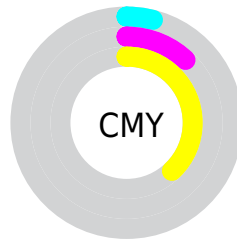
- Red (96%)
- Green (88%)
- Blue (62%)



- Red (71%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5178, 0.3728, 0.4004 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 75.5178, 0.3728, 0.4004 by changing the saturation by 10% instead.

 75.5178, 0.3728,
0.4004


 75.5178, 0.3728,
0.4004


479.6954, 0.3457,
0.3678

 56.0372, 0.3787,
0.4076


 127.0451, 0.3636,
0.3893

 40.2327, 0.3858,
0.4164


 159.8605, 0.3600,
0.3849

 27.7201, 0.3944,
0.4271


197.8897, 0.3568,
0.3811

 18.1147, 0.4051,
0.4407

241.5170, 0.3541,
0.3778

 11.0324, 0.4184,
0.4579

291.1268, 0.3516,
0.3748

 6.0886, 0.4347,
0.4798

347.1036, 0.3494,

 2.8990, 0.4719,

0.3722

0.5281

409.8317, 0.3475,
0.3699

■ 1.0793, 0.4659,
0.5341

■ 0.0000, 0.0000,
0.0000

■ 75.5178, 0.3728,
0.4004

■ 75.5178, 0.3728,
0.4004

■ 71.9383, 0.3911,
0.4198

■ 79.3602, 0.3548,
0.3801

■ 68.6005, 0.4090,
0.4373

■ 83.4650, 0.3375,
0.3597

■ 65.4960, 0.4257,
0.4519

■ 87.8450, 0.3213,
0.3398

■ 62.6117, 0.4405,
0.4625

■ 92.5087, 0.3064,
0.3209

■ 59.9320, 0.4525,
0.4685

■ 95.8208, 0.3060,
0.3257

■ 57.4383, 0.4615,
0.4696

■ 97.9675, 0.3059,
0.3290

■ 56.3972, 0.4648,
0.4691

Harmonies

Analogous

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



75.5178, 0.3952, 0.3769



75.5178, 0.3728, 0.4004



75.5178, 0.3350, 0.4047

Triad

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



75.5178, 0.3728, 0.4004



75.5178, 0.2374, 0.3050



75.5178, 0.3290, 0.2816

Complementary

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



75.5178, 0.3728, 0.4004



44.7391, 0.2510, 0.2454

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.



75.5178, 0.2864, 0.2639



75.5178, 0.3728, 0.4004



75.5178, 0.2360, 0.2748

Square

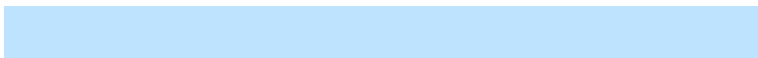
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5178, 0.3728, 0.4004



75.5178, 0.2575, 0.3460



75.5178, 0.2532, 0.2610



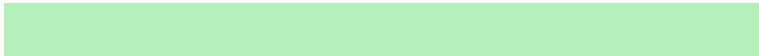
75.5178, 0.3695, 0.3100

Rectangle

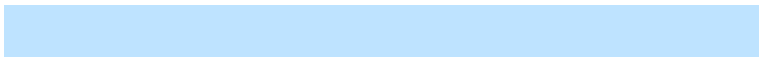
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5178, 0.3728, 0.4004



75.5178, 0.3066, 0.3938



75.5178, 0.2532, 0.2610



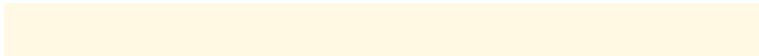
75.5178, 0.3143, 0.2743

Sweetspot

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



75.5213, 0.3728, 0.4004



94.4840, 0.3299, 0.3504



46.5341, 0.3782, 0.3070



20.0836, 0.3321, 0.3532



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

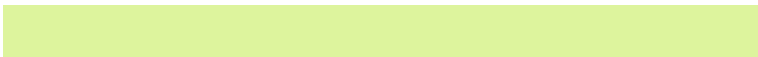
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5213, 0.3728, 0.4004



80.5222, 0.3865, 0.4150



82.4556, 0.3499, 0.4231



18.6647, 0.3274, 0.3474



30.8844, 0.4640, 0.4698



2.8627, 0.4572, 0.4752

Inverse Universe

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



44.7391, 0.2510, 0.2454



41.7411, 0.2365, 0.2243



40.3776, 0.2647, 0.2262



16.5123, 0.2979, 0.3099



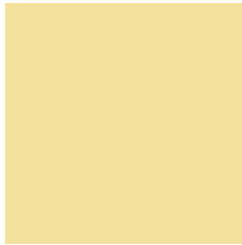
5.1083, 0.1563, 0.0827



0.5945, 0.1625, 0.1048

Previews

White Background



This preview shows how the Yxy color 75.5178, 0.3728, 0.4004 looks on a white background.

Color Contrast Check

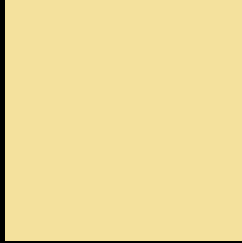
Large Text (above 18pt) WCAG AA × Fail

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 75.5178, 0.3728, 0.4004 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 75.5178, 0.3728, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 75.5178, 0.3728, 0.4004.

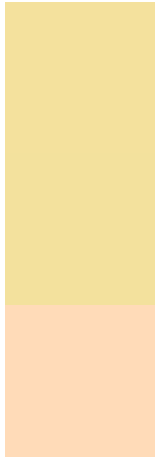


This preview shows how white text looks on a background with the Yxy color 75.5178, 0.3728, 0.4004.

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

75.5178, 0.3728, 0.4004

Protanopia

75.3394, 0.3721, 0.4006

Deuteranopia

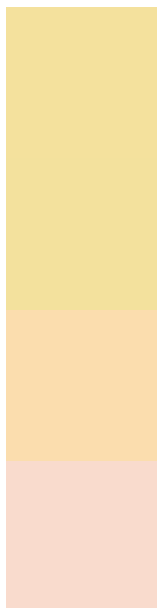
75.3837, 0.3642, 0.3650



Tritanopia

75.1225, 0.3281, 0.3120

Trichromacy



Original Color

75.5178, 0.3728, 0.4004

Protanomaly

75.3394, 0.3721, 0.4006

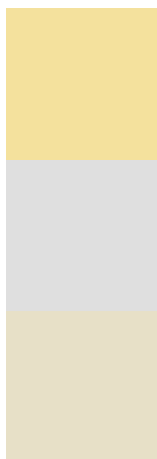
Deuteranomaly

75.2781, 0.3677, 0.3778

Tritanomaly

75.2106, 0.3445, 0.3435

Monochromacy



Original Color

75.5178, 0.3728, 0.4004

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.4238, 0.3345, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5178, 0.3728, 0.4004 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(244, 225, 157)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 157)  
}
```

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(244, 225, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 157) }
```

Border

The CSS property to change the border of an element to Yxy 75.5178, 0.3728, 0.4004 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(244, 225, 157) }
```

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

```
.border{ border-color:rgb(244, 225, 157) }
```

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

Here you see how a box with a 4 pixel rgb(244, 225, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 157);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5178, 0.3728, 0.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 157) }
```

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

```
.background{ background-color: rgb(244,  
225, 157) }
```

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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