

Converting Colors

$Y_{xy}(74.6562, 0.3710, 0.4194)$

Have a look what the booklet for
Yxy(74.6562, 0.3710, 0.4194)
contains.

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Color

Yxy(74.6562, 0.3710, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	E8E490
RGB	232, 228, 144
RGB Percent	91%, 89%, 56%
CMY	0.0904, 0.1058, 0.4353
CMYK	0.00, 0.02, 0.38, 0.09
HSL	57°, 66%, 74%
HSV	57°, 38%, 91%
XYZ	66.0407, 74.6562, 37.3103
YIQ	219.6200, 29.3480, -25.2760

Conversions

Conversions Part 2

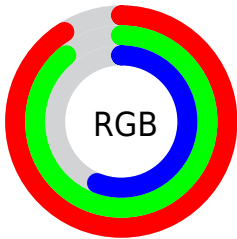
Format	Color
R _Y B	148, 232, 144
Decimal	15262864
CIE Lab	89.23, -10.73, 41.48
CIE LCh	89, 42.845, 104.504
Yxy	74.6562, 0.3710, 0.4194
Android (android.graphics.Color)	4293452944 (0xFFE8E490)
YUV	219.6200, -37.2807, 10.8573
Hunter-Lab	86.4038, -14.7746, 34.8805

Details

The Yxy color **74.6562, 0.3710, 0.4194** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **32.9010, 0.2438, 0.2190**, and the grayscale version is **71.5367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **39.7738, 0.3826, 0.4404** is the 20% darker color. If you saturate the color by 10%, you get **73.4555, 0.3855, 0.4413**, and if you desaturate by 10%, it is **76.0128, 0.3556, 0.3959**.

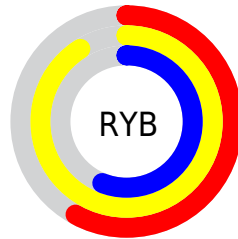
Distribution



Red (91%)

Green (89%)

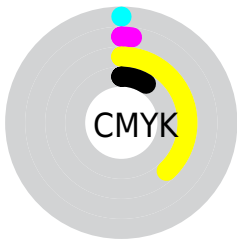
Blue (56%)



Red (58%)

Yellow (91%)

Blue (56%)

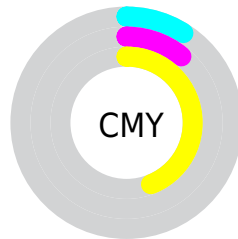


Cyan (0%)

Magenta (2%)

Yellow (38%)

Black (9%)



Cyan (9%)


Magenta (11%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6562, 0.3710, 0.4194 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 74.6562, 0.3710, 0.4194 by changing the saturation by 10% instead.


 74.6562, 0.3710,
0.4194

 74.6562, 0.3710,
0.4194


476.7351, 0.3453,
0.3776

 55.3313, 0.3764,
0.4287


 125.8256, 0.3625,
0.4050

 39.6670, 0.3827,
0.4401


 158.4388, 0.3590,
0.3994

 27.2790, 0.3902,
0.4542


196.2503, 0.3560,
0.3945

 17.7829, 0.3990,
0.4718

239.6444, 0.3534,
0.3903

 10.7942, 0.4090,
0.4942

289.0056, 0.3510,
0.3865

 5.9286, 0.4205,
0.5243

344.7181, 0.3489,

 2.8017, 0.4327,

0.3832

0.5673

407.1665, 0.3470,
0.3802

■ 1.0291, 0.4081,
0.5919

■ 0.0000, 0.0000,
0.0000

■ 74.6562, 0.3710,
0.4194

■ 74.6562, 0.3710,
0.4194

■ 73.4555, 0.3855,
0.4413

■ 76.0128, 0.3556,
0.3959

■ 72.3915, 0.3985,
0.4606


■ 77.5232, 0.3400,
0.3716


■ 71.4576, 0.4095,
0.4765


■ 79.1986, 0.3245,
0.3476


■ 70.6425, 0.4179,
0.4881


■ 81.0460, 0.3097,
0.3242


 69.9328, 0.4237,
0.4953


 82.7484, 0.2986,
0.3069


 69.3100, 0.4269,
0.4984

 83.3351, 0.2986,
0.3080

 69.1855, 0.4274,
0.4988

 83.9252, 0.2986,
0.3091

 84.5187, 0.2986,
0.3101

 85.1157, 0.2986,
0.3112

Harmonies

Analogous

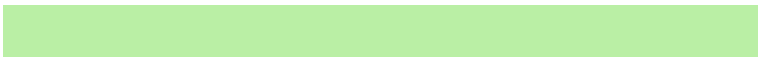
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6562, 0.4055, 0.3959



74.6562, 0.3710, 0.4194



74.6562, 0.3225, 0.4167

Triad

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



74.6562, 0.3710, 0.4194



74.6562, 0.2206, 0.2861



74.6562, 0.3484, 0.2823

Complementary

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



74.6562, 0.3710, 0.4194



32.9010, 0.2438, 0.2190

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.



74.6562, 0.2962, 0.2571



74.6562, 0.3710, 0.4194



74.6562, 0.2260, 0.2568

Square

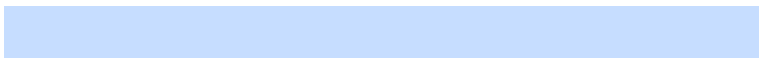
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6562, 0.3710, 0.4194



74.6562, 0.2371, 0.3326



74.6562, 0.2524, 0.2476



74.6562, 0.3932, 0.3182

Rectangle

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



74.6562, 0.3710, 0.4194



74.6562, 0.2890, 0.3973



74.6562, 0.2524, 0.2476



74.6562, 0.3310, 0.2724

Sweetspot

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



74.6596, 0.3710, 0.4194



97.5295, 0.3293, 0.3551



39.2397, 0.4016, 0.3242



20.8140, 0.3314, 0.3583



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.



74.6596, 0.3710, 0.4194



91.3212, 0.3832, 0.4378



70.9458, 0.3401, 0.4332



16.7014, 0.3269, 0.3512



38.4831, 0.4273, 0.4989



2.8780, 0.4260, 0.4999

Inverse Universe

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



32.9010, 0.2438, 0.2190



32.2184, 0.2262, 0.1903



35.9035, 0.2745, 0.2230



13.9894, 0.2980, 0.3058



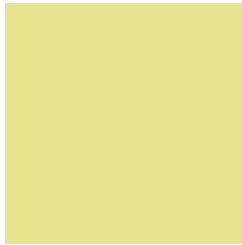
3.4069, 0.1508, 0.0629



0.2883, 0.1530, 0.0709

Previews

White Background



This preview shows how the Yxy color 74.6562, 0.3710, 0.4194 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 74.6562, 0.3710, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

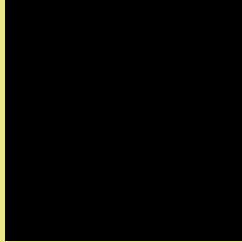
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6562, 0.3710, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 74.6562, 0.3710, 0.4194.



This preview shows how white text looks on a background with the Yxy color 74.6562, 0.3710, 0.4194.

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

74.6562, 0.3710, 0.4194

Protanopia

74.4974, 0.3831, 0.4146

Deuteranopia

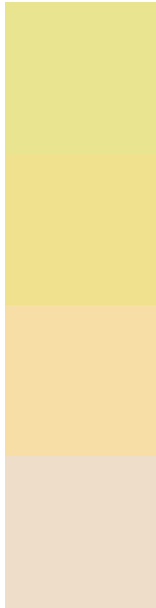
74.6172, 0.3688, 0.3702



Tritanopia

74.4435, 0.3193, 0.3116

Trichromacy



Original Color

74.6562, 0.3710, 0.4194

Protanomaly

74.3589, 0.3790, 0.4155

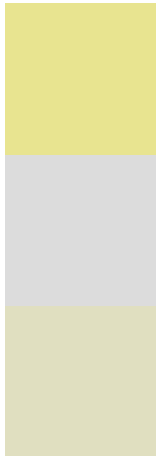
Deuteranomaly

74.7699, 0.3700, 0.3877

Tritanomaly

74.1071, 0.3387, 0.3503

Monochromacy



Original Color

74.6562, 0.3710, 0.4194

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4284, 0.3342, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6562, 0.3710, 0.4194 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(232, 228, 144)` looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 144)  
}
```

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(232, 228, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 144) }
```

Border

The CSS property to change the border of an element to Yxy 74.6562, 0.3710, 0.4194 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(232, 228, 144) }
```

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

```
.border{ border-color:rgb(232, 228, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 144);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6562, 0.3710, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 144) }
```

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

```
.background{ background-color: rgb(232,  
228, 144) }
```

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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