

Converting Colors

$Yxy(73.6240, 0.3978, 0.4408)$

Have a look what the booklet for
Yxy(73.6240, 0.3978, 0.4408)
contains.

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Color

Yxy(73.4264, 0.3982, 0.4405)

Conversions

Conversions Part 1

Format	Color
Hex	F2E073
RGB	242, 224, 115
RGB Percent	95%, 88%, 45%
CMY	0.0509, 0.1216, 0.5491
CMYK	0.00, 0.07, 0.52, 0.05
HSL	51°, 83%, 70%
HSV	51°, 52%, 95%
XYZ	66.3755, 73.4264, 26.8869
YIQ	216.9560, 45.7170, -30.0830

Conversions

Conversions Part 2

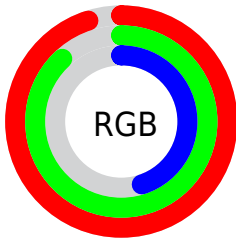
Format	Color
R_{YB}	136, 242, 115
Decimal	15917171
CIE _{Lab}	88.65, -7.48, 54.96
CIE _{LCh}	89, 55.464, 97.750
Yxy	73.4264, 0.3982, 0.4405
Android (android.graphics.Color)	4294107251 (0xFFFF2E073)
YUV	216.9560, -50.2643, 21.9636
Hunter-Lab	85.6892, -11.6887, 41.3789

Details

The Yxy color **73.4264, 0.3982, 0.4405** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.8355, 0.2159, 0.1840**, and the grayscale version is **69.6871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **38.7910, 0.4137, 0.4640** is the 20% darker color. If you saturate the color by 10%, you get **71.1158, 0.4130, 0.4572**, and if you desaturate by 10%, it is **75.9275, 0.3820, 0.4210**.

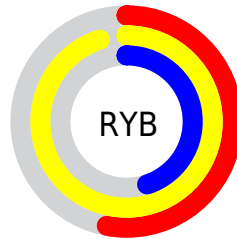
Distribution



Red (95%)

Green (88%)

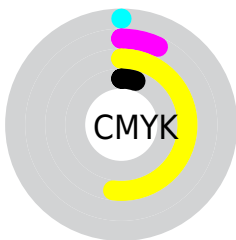
Blue (45%)



Red (53%)

Yellow (95%)

Blue (45%)

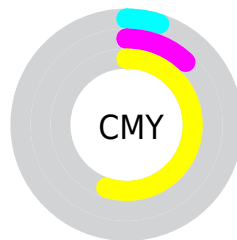


Cyan (0%)

Magenta (7%)

Yellow (52%)

Black (5%)



Cyan (5%)


Magenta (12%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4264, 0.3982, 0.4405 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 73.4264, 0.3982, 0.4405 by changing the saturation by 10% instead.


 73.4264, 0.3982,
0.4405

 73.4264, 0.3982,
0.4405


472.4913, 0.3612,
0.3903

 54.3247, 0.4056,
0.4511


 124.0824, 0.3861,
0.4237

 38.8613, 0.4141,
0.4636


 156.4054, 0.3812,
0.4169

 26.6519, 0.4237,
0.4783


 193.9043, 0.3768,
0.4111

 17.3119, 0.4341,
0.4956

236.9636, 0.3730,
0.4059

 10.4571, 0.4445,
0.5152

285.9675, 0.3695,
0.4013

 5.7031, 0.4577,
0.5423

341.3005, 0.3664,

 2.6654, 0.4489,

0.3973

0.5511

403.3470, 0.3637,
0.3936

■ 0.9597, 0.4313,
0.5687

■ 0.0000, 0.0000,
0.0000

■ 73.4264, 0.3982,
0.4405

■ 73.4264, 0.3982,
0.4405

■ 71.1158, 0.4130,
0.4572

■ 75.9275, 0.3820,
0.4210

■ 68.9733, 0.4258,
0.4701


■ 78.6193, 0.3652,
0.3998


■ 66.9888, 0.4360,
0.4787


■ 81.5151, 0.3483,
0.3777

■ 65.1456, 0.4433,
0.4826


■ 84.6237, 0.3320,
0.3557


 63.8362, 0.4473,
0.4831

 87.9535, 0.3164,
0.3342

 91.1730, 0.3049,
0.3188

 93.2669, 0.3049,
0.3222

 95.3996, 0.3048,
0.3256

 97.5713, 0.3048,
0.3289

Harmonies

Analogous

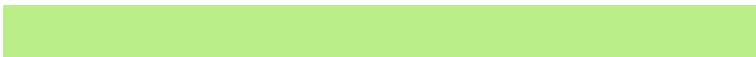
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4264, 0.4378, 0.4019



73.4264, 0.3982, 0.4405



73.4264, 0.3380, 0.4497

Triad

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



73.4264, 0.3982, 0.4405



73.4264, 0.1983, 0.2836



73.4264, 0.3430, 0.2612

Complementary

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



73.4264, 0.3982, 0.4405



26.8355, 0.2159, 0.1840

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.



73.4264, 0.2765, 0.2340



73.4264, 0.3982, 0.4405



73.4264, 0.1994, 0.2420

Square

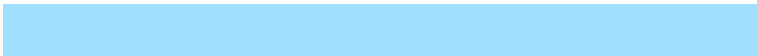
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4264, 0.3982, 0.4405



73.4264, 0.2240, 0.3480



73.4264, 0.2261, 0.2264



73.4264, 0.4065, 0.3029

Rectangle

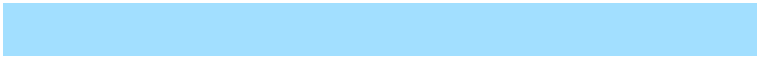
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4264, 0.3982, 0.4405



73.4264, 0.2947, 0.4311



73.4264, 0.2261, 0.2264



73.4264, 0.3200, 0.2502

Sweetspot

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



73.4298, 0.3982, 0.4405



94.0054, 0.3377, 0.3635



32.8621, 0.4425, 0.3090



19.9659, 0.3411, 0.3680



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.



73.4298, 0.3982, 0.4405



79.8973, 0.4140, 0.4582



76.7076, 0.3567, 0.4715



18.0541, 0.3272, 0.3491



34.4370, 0.4467, 0.4835



2.9687, 0.4426, 0.4868

Inverse Universe

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



26.8355, 0.2159, 0.1840



22.3770, 0.1954, 0.1503



26.0864, 0.2440, 0.1742



15.5906, 0.2980, 0.3081



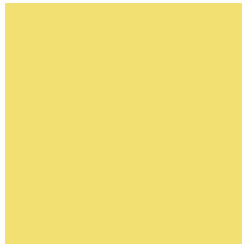
4.1855, 0.1532, 0.0714



0.4594, 0.1586, 0.0907

Previews

White Background



This preview shows how the Yxy color 73.4264, 0.3982, 0.4405 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 73.4264, 0.3982, 0.4405 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 73.4264, 0.3982, 0.4405

Background



This preview shows how black text looks on a background with the Yxy color 73.4264, 0.3982, 0.4405.

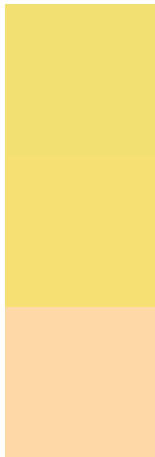


This preview shows how white text looks on a background with the Yxy color 73.4264, 0.3982, 0.4405.

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

73.4264, 0.3982, 0.4405

Protanopia

73.6060, 0.4018, 0.4382

Deuteranopia

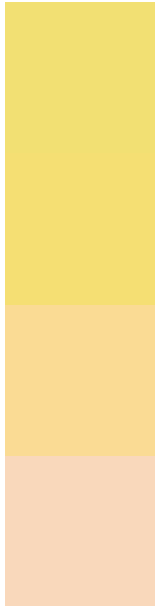
73.1618, 0.3775, 0.3795



Tritanopia

73.0726, 0.3321, 0.3119

Trichromacy



Original Color

73.4264, 0.3982, 0.4405

Protanomaly

73.4256, 0.4010, 0.4386

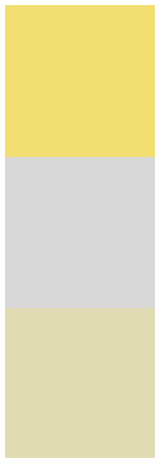
Deuteranomaly

73.1251, 0.3859, 0.4025

Tritanomaly

72.8393, 0.3582, 0.3594

Monochromacy



Original Color

73.4264, 0.3982, 0.4405

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.6504, 0.3445, 0.3734

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4264, 0.3982, 0.4405 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(242, 224, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 115)  
}
```

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(242, 224, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 115) }
```

Border

The CSS property to change the border of an element to Yxy 73.4264, 0.3982, 0.4405 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(242, 224, 115) }
```

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

```
.border{ border-color:rgb(242, 224, 115) }
```

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

Here you see how a box with a 4 pixel rgb(242, 224, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 115);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4264, 0.3982, 0.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 115) }
```

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

```
.background{ background-color: rgb(242,  
224, 115) }
```

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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