

Converting Colors

$Yxy(74.1606, 0.3238, 0.3190)$

Have a look what the booklet for
Yxy(74.1606, 0.3238, 0.3190)
contains.

Yxy(74.0490, 0.3241, 0.3187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.0490, 0.3241, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E3
RGB	242, 217, 227
RGB Percent	95%, 85%, 89%
CMY	0.0509, 0.1490, 0.1098
CMYK	0.00, 0.10, 0.06, 0.05
HSL	336°, 49%, 90%
HSV	336°, 10%, 95%
XYZ	75.3037, 74.0490, 82.9944
YIQ	225.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

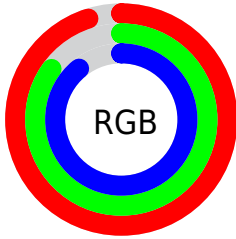
Format	Color
R_{YB}	242, 217, 227
Decimal	15915491
CIE _{Lab}	88.95, 10.31, -1.75
CIE _{LCh}	89, 10.457, 350.344
Yxy	74.0490, 0.3241, 0.3187
Android (android.graphics.Color)	4294105571 (0xFFFF2D9E3)
YUV	225.6150, 0.6828, 14.3696
Hunter-Lab	86.0517, 5.6144, 3.0527

Details

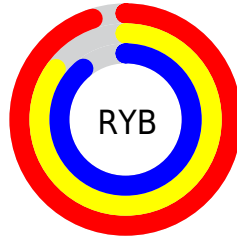
The Yxy color **74.0490, 0.3241, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.1029, 0.3026, 0.3395**, and the grayscale version is **75.7538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2583, 0.3267, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **61.7080, 0.3376, 0.3082**, and if you desaturate by 10%, it is **88.2940, 0.3131, 0.3287**.

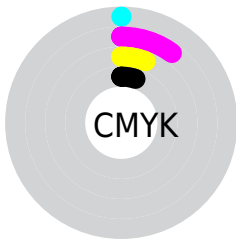
Distribution



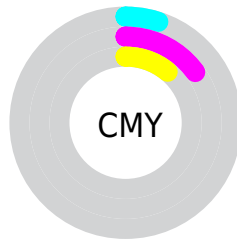
- Red (95%)
- Green (85%)
- Blue (89%)



- Red (95%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0490, 0.3241, 0.3187 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 74.0490, 0.3241, 0.3187 by changing the saturation by 10% instead.


 74.0490, 0.3241,
0.3187

 74.0490, 0.3241,
0.3187


474.6425, 0.3189,
0.3234

 54.8341, 0.3253,
0.3176


124.9653, 0.3223,
0.3203

 39.2689, 0.3268,
0.3163


157.4355, 0.3216,
0.3210

 26.9690, 0.3286,
0.3146


195.0929, 0.3210,
0.3215

 17.5500, 0.3310,
0.3125

238.3220, 0.3204,
0.3220

 10.6274, 0.3343,
0.3095

287.5071, 0.3200,
0.3224

 5.8169, 0.3391,
0.3054

343.0326, 0.3196,

 2.7340, 0.3465,

0.3228

0.2989

405.2829, 0.3192,
0.3231

0.9945, 0.3596,
0.2875

0.0000, 1.0000,
0.0000

74.0490, 0.3241,
0.3187

74.0490, 0.3241,
0.3187

61.7080, 0.3376,
0.3082

88.2940, 0.3131,
0.3287

51.1801, 0.3539,
0.2973

97.6231, 0.3048,
0.3290

42.3819, 0.3735,
0.2865

35.2192, 0.3967,
0.2766

■ 29.5890, 0.4234,
0.2684

■ 25.3762, 0.4530,
0.2634

■ 22.4495, 0.4842,
0.2626

■ 20.6523, 0.5149,
0.2672

■ 19.7405, 0.5422,
0.2760

Harmonies

Analogous

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



74.0490, 0.3116, 0.3110



74.0490, 0.3241, 0.3187



74.0490, 0.3336, 0.3291

Triad

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



74.0490, 0.3241, 0.3187



74.0490, 0.3256, 0.3510



74.0490, 0.2886, 0.3175

Complementary

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



74.0490, 0.3241, 0.3187



84.1029, 0.3026, 0.3395

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.



74.0490, 0.2922, 0.3283



74.0490, 0.3241, 0.3187



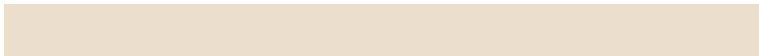
74.0490, 0.3134, 0.3480

Square

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



74.0490, 0.3241, 0.3187



74.0490, 0.3345, 0.3479



74.0490, 0.3012, 0.3396



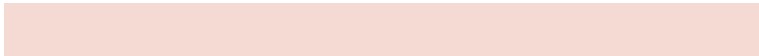
74.0490, 0.2913, 0.3101

Rectangle

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



74.0490, 0.3241, 0.3187



74.0490, 0.3369, 0.3364



74.0490, 0.3012, 0.3396



74.0490, 0.2891, 0.3208

Sweetspot

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



74.0522, 0.3241, 0.3187



94.9234, 0.3158, 0.3261



73.1948, 0.3069, 0.3030



20.0343, 0.3166, 0.3253



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

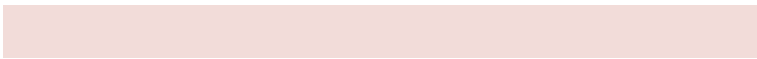
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0522, 0.3241, 0.3187



80.8791, 0.3262, 0.3170



74.8164, 0.3308, 0.3317



15.8635, 0.3230, 0.3196



10.6267, 0.5379, 0.2737



0.9032, 0.5031, 0.2545

Inverse Universe

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



74.0522, 0.3241, 0.3187



80.8791, 0.3262, 0.3170



83.2072, 0.2968, 0.3263



15.8635, 0.3230, 0.3196



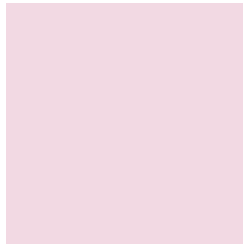
10.6267, 0.5379, 0.2737



0.9032, 0.5031, 0.2545

Previews

White Background



This preview shows how the Yxy color 74.0490, 0.3241, 0.3187 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 74.0490, 0.3241, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

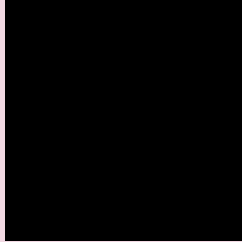
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0490, 0.3241, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 74.0490, 0.3241, 0.3187.

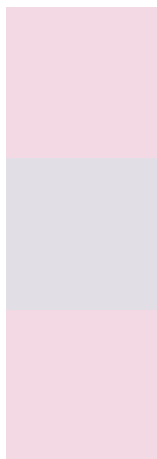


This preview shows how white text looks on a background with the Yxy color 74.0490, 0.3241, 0.3187.

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

74.0490, 0.3241, 0.3187

Protanopia

73.9633, 0.3096, 0.3205

Deuteranopia

74.2264, 0.3248, 0.3187



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

74.0490, 0.3241, 0.3187

Protanomaly

73.8325, 0.3146, 0.3195

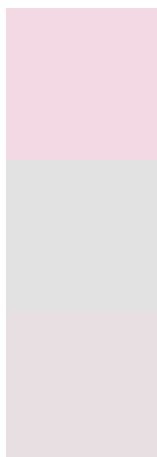
Deuteranomaly

74.2264, 0.3248, 0.3187

Tritanomaly

73.9359, 0.3221, 0.3136

Monochromacy



Original Color

74.0490, 0.3241, 0.3187

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4221, 0.3171, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0490, 0.3241, 0.3187 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, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 227)  
}
```

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, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.0490, 0.3241, 0.3187 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, 217, 227) }
```

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

```
.border{ border-color:rgb(242, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0490, 0.3241, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 227) }
```

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

```
.background{ background-color: rgb(242,  
217, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor