

Converting Colors

$Y_{xy}(74.2210, 0.3223, 0.3164)$

Have a look what the booklet for
Yxy(74.2210, 0.3223, 0.3164)
contains.

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Color

Yxy(74.1601, 0.3227, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E5
RGB	242, 217, 229
RGB Percent	95%, 85%, 90%
CMY	0.0511, 0.1490, 0.1021
CMYK	0.00, 0.10, 0.05, 0.05
HSL	331°, 49%, 90%
HSV	331°, 10%, 95%
XYZ	75.5651, 74.1601, 84.4399
YIQ	225.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

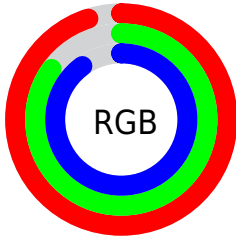
Format	Color
R _Y B	242, 217, 229
Decimal	15915493
CIE Lab	89.00, 10.62, -2.72
CIE LCh	89, 10.960, 345.640
Yxy	74.1601, 0.3227, 0.3167
Android (android.graphics.Color)	4294105573 (0xFFFF2D9E5)
YUV	225.8430, 1.5564, 14.1697
Hunter-Lab	86.1163, 5.9263, 2.1455

Details

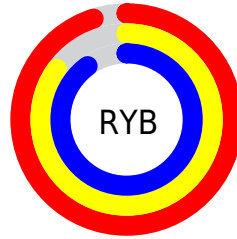
The Yxy color **74.1601, 0.3227, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.9609, 0.3038, 0.3416**, and the grayscale version is **75.9161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3358, 0.3248, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **61.9101, 0.3344, 0.3041**, and if you desaturate by 10%, it is **88.2967, 0.3130, 0.3286**.

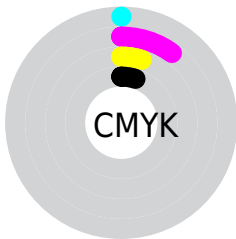
Distribution



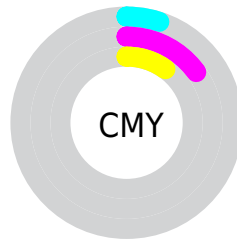
- Red (95%)
- Green (85%)
- Blue (90%)



- Red (95%)
- Yellow (85%)
- Blue (90%)



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





- Cyan (5%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1601, 0.3227, 0.3167 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 74.1601, 0.3227, 0.3167 by changing the saturation by 10% instead.


 74.1601, 0.3227,
0.3167

 74.1601, 0.3227,
0.3167


475.0257, 0.3181,
0.3223

 54.9251, 0.3237,
0.3154


125.1227, 0.3211,
0.3186

 39.3417, 0.3250,
0.3139


157.6191, 0.3205,
0.3194

 27.0257, 0.3266,
0.3119


195.3048, 0.3200,
0.3201

 17.5925, 0.3287,
0.3093

238.5641, 0.3195,
0.3206

 10.6578, 0.3316,
0.3059

287.7815, 0.3191,
0.3211

 5.8373, 0.3357,
0.3010

343.3413, 0.3187,

 2.7464, 0.3420,

0.3216

0.2934

405.6279, 0.3184,
0.3220

■ 1.0008, 0.3531,
0.2803

■ 0.0000, 0.6894,
0.0000

■ 74.1601, 0.3227,
0.3167

■ 74.1601, 0.3227,
0.3167

■ 61.9101, 0.3344,
0.3041

■ 88.2967, 0.3130,
0.3286

■ 51.4565, 0.3486,
0.2912

■ 97.5615, 0.3052,
0.3298

■ 42.7166, 0.3654,
0.2784

■ 97.6137, 0.3047,
0.3290

■ 35.5969, 0.3850,
0.2664

■ 29.9951, 0.4075,
0.2564

■ 25.7970, 0.4323,
0.2495

■ 22.8723, 0.4584,
0.2471

■ 21.0653, 0.4845,
0.2500

■ 20.1325, 0.5086,
0.2575

Harmonies

Analogous

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



74.1601, 0.3095, 0.3092



74.1601, 0.3227, 0.3167



74.1601, 0.3334, 0.3273

Triad

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



74.1601, 0.3227, 0.3167



74.1601, 0.3280, 0.3520



74.1601, 0.2876, 0.3185

Complementary

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



74.1601, 0.3227, 0.3167



83.9609, 0.3038, 0.3416

Split Complementary

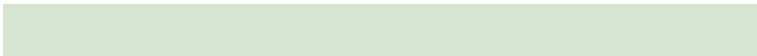
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1601, 0.2924, 0.3302



74.1601, 0.3227, 0.3167



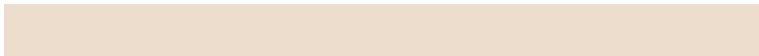
74.1601, 0.3156, 0.3499

Square

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



74.1601, 0.3227, 0.3167



74.1601, 0.3365, 0.3477



74.1601, 0.3025, 0.3418



74.1601, 0.2894, 0.3100

Rectangle

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



74.1601, 0.3227, 0.3167



74.1601, 0.3376, 0.3350



74.1601, 0.3025, 0.3418



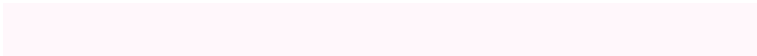
74.1601, 0.2885, 0.3222

Sweetspot

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



74.1633, 0.3227, 0.3167



94.9617, 0.3154, 0.3255



72.8524, 0.3054, 0.3029



20.0447, 0.3162, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

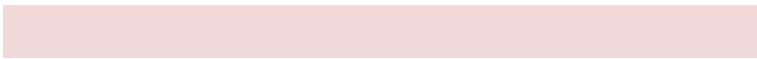
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1633, 0.3227, 0.3167



81.0220, 0.3246, 0.3146



73.7331, 0.3310, 0.3295



15.8850, 0.3218, 0.3177



10.8447, 0.5047, 0.2554



0.9222, 0.4741, 0.2386

Inverse Universe

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



74.1633, 0.3227, 0.3167



81.0220, 0.3246, 0.3146



84.4087, 0.2968, 0.3285



15.8850, 0.3218, 0.3177



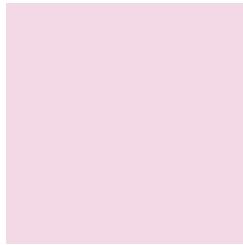
10.8447, 0.5047, 0.2554



0.9222, 0.4741, 0.2386

Previews

White Background



This preview shows how the Yxy color 74.1601, 0.3227, 0.3167 looks on a white background.

Color Contrast Check

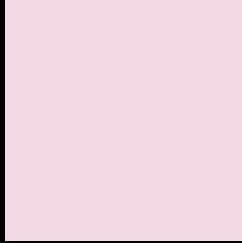
Large Text (above 18pt) WCAG AA × Fail

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 74.1601, 0.3227, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

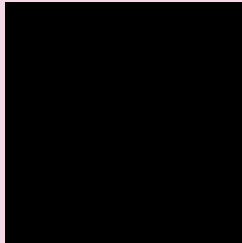
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1601, 0.3227, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 74.1601, 0.3227, 0.3167.



This preview shows how white text looks on a background with the Yxy color 74.1601, 0.3227, 0.3167.

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

74.1601, 0.3227, 0.3167

Protanopia

74.0763, 0.3083, 0.3184

Deuteranopia

74.3375, 0.3234, 0.3167



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

74.1601, 0.3227, 0.3167

Protanomaly

73.9448, 0.3133, 0.3174

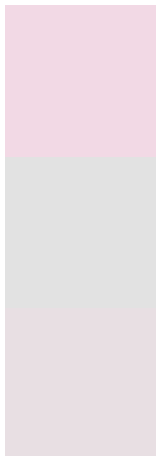
Deuteranomaly

74.3375, 0.3234, 0.3167

Tritanomaly

73.9926, 0.3214, 0.3126

Monochromacy



Original Color

74.1601, 0.3227, 0.3167

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4772, 0.3164, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1601, 0.3227, 0.3167 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.1601, 0.3227, 0.3167 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, 229) }
```

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

```
.border{ border-color:rgb(242, 217, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1601, 0.3227, 0.3167 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, 229) }
```

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

```
.background{ background-color: rgb(242,  
217, 229) }
```

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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