

Converting Colors

$Y_{xy}(75.3203, 0.3406, 0.3284)$

Have a look what the booklet for
Yxy(75.3203, 0.3406, 0.3284)
contains.

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Color

Yxy(75.1923, 0.3401, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FED8D9
RGB	254, 216, 217
RGB Percent	100%, 85%, 85%
CMY	0.0041, 0.1529, 0.1491
CMYK	0.00, 0.15, 0.15, 0.00
HSL	358°, 95%, 92%
HSV	358°, 15%, 100%
XYZ	77.9424, 75.1923, 76.0402
YIQ	227.4760, 22.3270, 8.3670

Conversions

Conversions Part 2

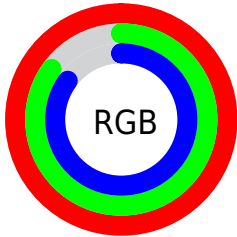
Format	Color
RYB	254, 216, 217
Decimal	16701657
CIELab	89.48, 13.33, 4.42
CIElCh	89, 14.050, 18.357
Yxy	75.1923, 0.3401, 0.3281
Android (android.graphics.Color)	4294891737 (0xFF FED8D9)
YUV	227.4760, -5.1647, 23.2615
Hunter-Lab	86.7135, 8.6961, 8.7072

Details

The Yxy color **75.1923, 0.3401, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.5566, 0.2905, 0.3299**, and the grayscale version is **77.2061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9687, 0.3469, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **61.9784, 0.3643, 0.3275**, and if you desaturate by 10%, it is **90.6172, 0.3208, 0.3287**.

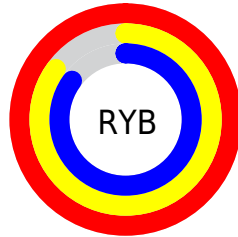
Distribution



Red (100%)

Green (85%)

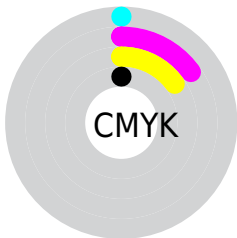
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

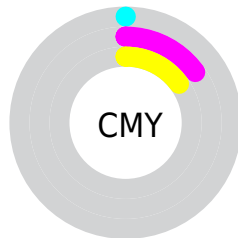


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1923, 0.3401, 0.3281 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 75.1923, 0.3401, 0.3281 by changing the saturation by 10% instead.


 75.1923, 0.3401,
0.3281

 75.1923, 0.3401,
0.3281


478.5783, 0.3274,
0.3286

 55.7704, 0.3430,
0.3279


126.5845, 0.3357,
0.3283

 40.0189, 0.3466,
0.3277


159.3237, 0.3340,
0.3284

 27.5533, 0.3511,
0.3275


197.2708, 0.3325,
0.3284

 17.9892, 0.3570,
0.3271

240.8101, 0.3312,
0.3285

 10.9422, 0.3651,
0.3265

290.3261, 0.3301,
0.3285

 6.0280, 0.3768,
0.3255

346.2032, 0.3291,

 2.8621, 0.3952,

0.3286

0.3236

408.8258, 0.3282,
0.3286

■ 1.0602, 0.4287,
0.3198

■ 0.0000, 1.0000,
0.0000

■ 75.1923, 0.3401,
0.3281

■ 75.1923, 0.3401,
0.3281

■ 61.9784, 0.3643,
0.3275

■ 90.6172, 0.3208,
0.3287

■ 50.8647, 0.3944,
0.3269

99.8046, 0.3121,
0.3290

■ 41.7462, 0.4311,
0.3263

■ 34.5048, 0.4742,
0.3260

■ 29.0099, 0.5216,
0.3260

■ 25.1142, 0.5684,
0.3264

■ 22.6463, 0.6074,
0.3274

■ 21.3955, 0.6317,
0.3287

■ 21.0788, 0.6383,
0.3290

Harmonies

Analogous

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



75.1923, 0.3269, 0.3145



75.1923, 0.3401, 0.3281



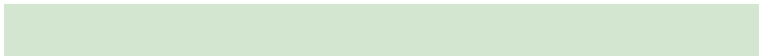
75.1923, 0.3458, 0.3423

Triad

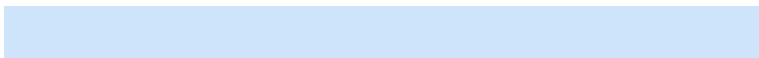
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1923, 0.3401, 0.3281



75.1923, 0.3147, 0.3551



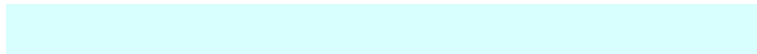
75.1923, 0.2837, 0.3041

Complementary

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



75.1923, 0.3401, 0.3281



92.5566, 0.2905, 0.3299

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.



75.1923, 0.2807, 0.3143



75.1923, 0.3401, 0.3281



75.1923, 0.2983, 0.3442

Square

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



75.1923, 0.3401, 0.3281



75.1923, 0.3309, 0.3585



75.1923, 0.2860, 0.3290



75.1923, 0.2943, 0.3008

Rectangle

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



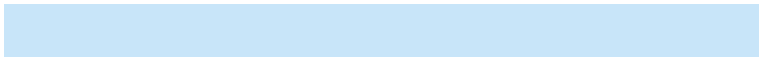
75.1923, 0.3401, 0.3281



75.1923, 0.3445, 0.3504



75.1923, 0.2860, 0.3290



75.1923, 0.2818, 0.3068

Sweetspot

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



75.1957, 0.3401, 0.3281



93.0401, 0.3192, 0.3288



77.1025, 0.3136, 0.2918



19.6432, 0.3204, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

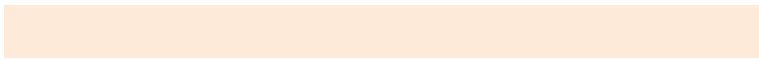
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1957, 0.3401, 0.3281



71.5765, 0.3469, 0.3279



84.7148, 0.3381, 0.3468



17.9946, 0.3291, 0.3284



11.1195, 0.6375, 0.3286



1.0852, 0.6314, 0.3252

Inverse Universe

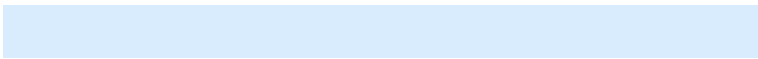
The Inverse Universe completely reimagines the original color for something new.



75.1957, 0.3401, 0.3281



71.5765, 0.3469, 0.3279



81.8955, 0.2893, 0.3106



17.9946, 0.3291, 0.3284



11.1195, 0.6375, 0.3286



1.0852, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 75.1923, 0.3401, 0.3281 looks on a white background.

Color Contrast Check

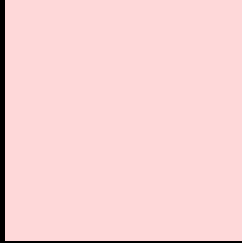
Large Text (above 18pt) WCAG AA × Fail

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 75.1923, 0.3401, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

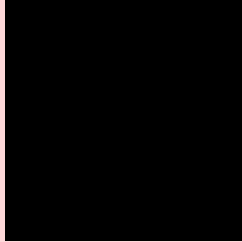
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

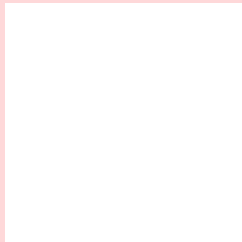
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1923, 0.3401, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 75.1923, 0.3401, 0.3281.

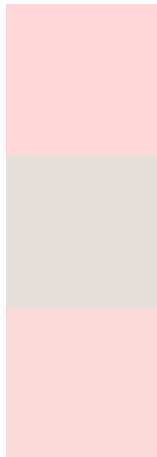


This preview shows how white text looks on a background with the Yxy color 75.1923, 0.3401, 0.3281.

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

75.1923, 0.3401, 0.3281

Protanopia

75.3548, 0.3189, 0.3322

Deuteranopia

75.4766, 0.3368, 0.3301



Tritanopia

75.0663, 0.3318, 0.3130

Trichromacy



Original Color

75.1923, 0.3401, 0.3281

Protanomaly

75.2309, 0.3263, 0.3301

Deuteranomaly

75.1447, 0.3377, 0.3291

Tritanomaly

75.2971, 0.3353, 0.3190

Monochromacy



Original Color

75.1923, 0.3401, 0.3281

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1076, 0.3227, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1923, 0.3401, 0.3281 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(254, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 217)  
}
```

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(254, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 217) }
```

Border

The CSS property to change the border of an element to Yxy 75.1923, 0.3401, 0.3281 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(254, 216, 217) }
```

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

```
.border{ border-color:rgb(254, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1923, 0.3401, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 217) }
```

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

```
.background{ background-color: rgb(254,  
216, 217) }
```

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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