

Converting Colors

$Yxy(78.2817, 0.3198, 0.3096)$

Have a look what the booklet for
Yxy(78.2817, 0.3198, 0.3096)
contains.

Yxy(78.2035, 0.3193, 0.3090)	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(78.2035, 0.3193, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	F9DDF1
RGB	249, 221, 241
RGB Percent	98%, 87%, 95%
CMY	0.0234, 0.1334, 0.0548
CMYK	0.00, 0.11, 0.03, 0.02
HSL	317°, 70%, 92%
HSV	317°, 11%, 98%
XYZ	80.8103, 78.2035, 94.0720
YIQ	231.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

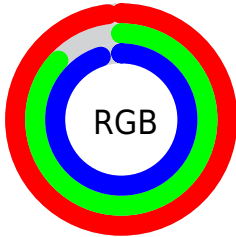
Format	Color
R _Y B	249, 221, 241
Decimal	16375281
CIE Lab	90.87, 13.02, -6.22
CIE LCh	91, 14.427, 334.447
Yxy	78.2035, 0.3193, 0.3090
Android (android.graphics.Color)	4294565361 (0xFFF9DDF1)
YUV	231.6520, 4.6086, 15.2142
Hunter-Lab	88.4327, 8.3569, -1.1679

Details

The Yxy color **78.2035, 0.3193, 0.3090** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7971, 0.3067, 0.3499**, and the grayscale version is **80.3866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9817, 0.3203, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **65.6014, 0.3262, 0.2905**, and if you desaturate by 10%, it is **92.7793, 0.3134, 0.3268**.

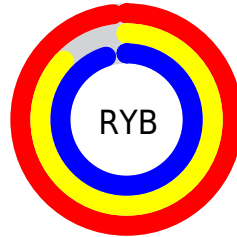
Distribution



Red (98%)

Green (87%)

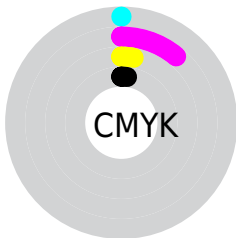
Blue (95%)



Red (98%)

Yellow (87%)

Blue (95%)

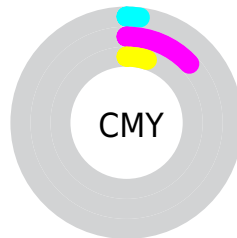


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2035, 0.3193, 0.3090 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 78.2035, 0.3193, 0.3090 by changing the saturation by 10% instead.

 78.2035, 0.3193,
0.3090

 78.2035, 0.3193,
0.3090


488.8577, 0.3164,
0.3180

 58.2412, 0.3199,
0.3070


130.8370, 0.3183,
0.3121

 42.0026, 0.3207,
0.3046


164.2769, 0.3179,
0.3133

 29.1033, 0.3217,
0.3015


202.9781, 0.3176,
0.3143

 19.1590, 0.3230,
0.2976

247.3250, 0.3173,
0.3152

 11.7852, 0.3246,
0.2924

297.7020, 0.3170,
0.3161

 6.5976, 0.3269,
0.2852

354.4935, 0.3168,

 3.2117, 0.3303,

0.3168

0.2744

418.0840, 0.3166,
0.3174

■ 1.2433, 0.3357,
0.2566

■ 0.0966, 0.3914,
0.0923

■ 78.2035, 0.3193,
0.3090

■ 78.2035, 0.3193,
0.3090

■ 65.6014, 0.3262,
0.2905

■ 92.7793, 0.3134,
0.3268

■ 54.8771, 0.3343,
0.2717

■ 98.8849, 0.3090,
0.3290

■ 45.9418, 0.3435,
0.2534

■ 38.6957, 0.3538,
0.2364

■ 33.0290, 0.3650,
0.2217

■ 28.8190, 0.3769,
0.2105

■ 25.9246, 0.3890,
0.2037

■ 24.1766, 0.4010,
0.2019

■ 23.3562, 0.4112,
0.2039

Harmonies

Analogous

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



78.2035, 0.3022, 0.3016



78.2035, 0.3193, 0.3090



78.2035, 0.3350, 0.3214

Triad

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



78.2035, 0.3193, 0.3090



78.2035, 0.3374, 0.3576



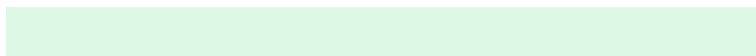
78.2035, 0.2818, 0.3206

Complementary

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



78.2035, 0.3193, 0.3090



88.7971, 0.3067, 0.3499

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.



78.2035, 0.2907, 0.3364



78.2035, 0.3193, 0.3090



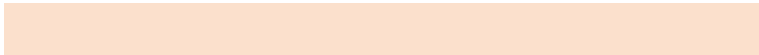
78.2035, 0.3226, 0.3582

Square

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



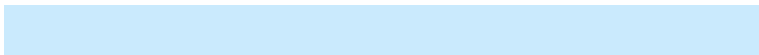
78.2035, 0.3193, 0.3090



78.2035, 0.3456, 0.3492



78.2035, 0.3056, 0.3503



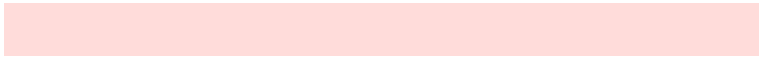
78.2035, 0.2809, 0.3078

Rectangle

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



78.2035, 0.3193, 0.3090



78.2035, 0.3424, 0.3311



78.2035, 0.3056, 0.3503



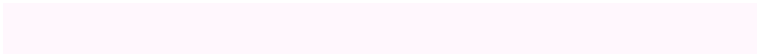
78.2035, 0.2839, 0.3258

Sweetspot

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



78.2069, 0.3193, 0.3090



95.0759, 0.3144, 0.3238



75.1987, 0.3002, 0.3000



20.0755, 0.3148, 0.3224



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

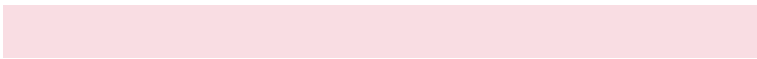
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2069, 0.3193, 0.3090



78.6605, 0.3211, 0.3039



77.4044, 0.3287, 0.3229



17.4351, 0.3182, 0.3122



12.5247, 0.4094, 0.2029



1.1782, 0.3963, 0.1957

Inverse Universe

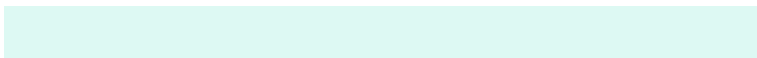
The Inverse Universe completely reimagines the original color for something new.



78.2069, 0.3193, 0.3090



78.6605, 0.3211, 0.3039



89.6083, 0.2988, 0.3352



17.4351, 0.3182, 0.3122



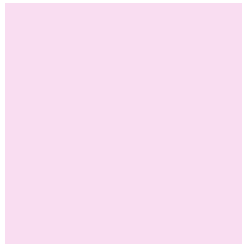
12.5247, 0.4094, 0.2029



1.1782, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 78.2035, 0.3193, 0.3090 looks on a white background.

Color Contrast Check

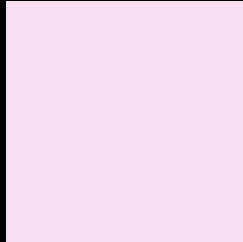
Large Text (above 18pt) WCAG AA × Fail

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 78.2035, 0.3193, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

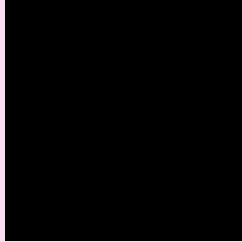
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2035, 0.3193, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 78.2035, 0.3193, 0.3090.



This preview shows how white text looks on a background with the Yxy color 78.2035, 0.3193, 0.3090.

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

78.2035, 0.3193, 0.3090

Protanopia

78.5734, 0.3021, 0.3114

Deuteranopia

78.1863, 0.3171, 0.3099



Tritanopia

78.0846, 0.3206, 0.3110

Trichromacy



Original Color

78.2035, 0.3193, 0.3090

Protanomaly

78.2149, 0.3081, 0.3096

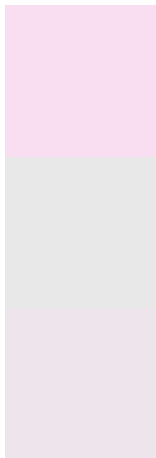
Deuteranomaly

78.3676, 0.3178, 0.3100

Tritanomaly

78.1439, 0.3200, 0.3100

Monochromacy



Original Color

78.2035, 0.3193, 0.3090

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.6621, 0.3151, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2035, 0.3193, 0.3090 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(249, 221, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 241)  
}
```

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(249, 221, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 241) }
```

Border

The CSS property to change the border of an element to Yxy 78.2035, 0.3193, 0.3090 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(249, 221, 241) }
```

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

```
.border{ border-color:rgb(249, 221, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 221, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 221, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 221, 241); box-shadow:4px 4px 4px 4px rgb(249, 221, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2035, 0.3193, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 241) }
```

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

```
.background{ background-color: rgb(249,  
221, 241) }
```

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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