

Converting Colors

$Y_{xy}(76.8749, 0.3214, 0.3047)$

Have a look what the booklet for
Yxy(76.8749, 0.3214, 0.3047)
contains.

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Color

Yxy(76.7320, 0.3210, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	FCD9F2
RGB	252, 217, 242
RGB Percent	99%, 85%, 95%
CMY	0.0120, 0.1489, 0.0510
CMYK	0.00, 0.14, 0.04, 0.01
HSL	317°, 85%, 92%
HSV	317°, 14%, 99%
XYZ	80.9697, 76.7320, 94.5403
YIQ	230.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

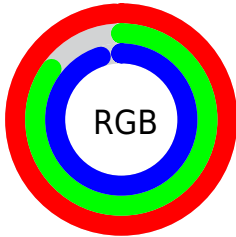
Format	Color
R _Y B	252, 217, 242
Decimal	16570866
CIE Lab	90.20, 16.23, -7.70
CIE LCh	90, 17.969, 334.621
Yxy	76.7320, 0.3210, 0.3042
Android (android.graphics.Color)	4294760946 (0xFFFC D9F2)
YUV	230.3150, 5.7607, 19.0177
Hunter-Lab	87.5968, 11.7012, -2.6719

Details

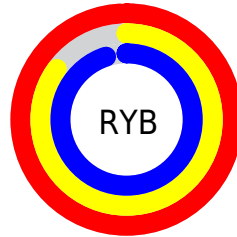
The Yxy color **76.7320, 0.3210, 0.3042** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.8898, 0.3053, 0.3551**, and the grayscale version is **79.3239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9879, 0.3226, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **64.2982, 0.3282, 0.2856**, and if you desaturate by 10%, it is **91.1723, 0.3148, 0.3223**.

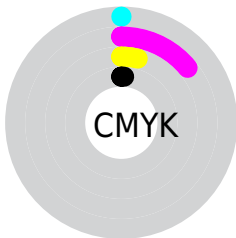
Distribution



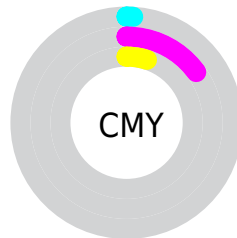
- Red (99%)
- Green (85%)
- Blue (95%)



- Red (99%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7320, 0.3210, 0.3042 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 76.7320, 0.3210, 0.3042 by changing the saturation by 10% instead.


 76.7320, 0.3210,
0.3042

 76.7320, 0.3210,
0.3042

483.8498, 0.3173,
0.3153

 57.0329, 0.3218,
0.3017


128.7611, 0.3197,
0.3080

 41.0317, 0.3228,
0.2987


161.8599, 0.3193,
0.3095

 28.3438, 0.3240,
0.2950


200.1942, 0.3188,
0.3108

 18.5850, 0.3256,
0.2901

244.1482, 0.3184,
0.3119

 11.3708, 0.3276,
0.2837

294.1063, 0.3181,
0.3129

 6.3168, 0.3305,
0.2748

350.4530, 0.3178,

 3.0387, 0.3346,

0.3138

0.2616

413.5727, 0.3176,
0.3146

■ 1.1520, 0.3412,
0.2399

■ 0.0219, 0.4166,
0.0219

■ 76.7320, 0.3210,
0.3042

■ 76.7320, 0.3210,
0.3042

■ 64.2982, 0.3282,
0.2856

■ 91.1723, 0.3148,
0.3223

■ 53.7709, 0.3366,
0.2668

■ 99.4260, 0.3108,
0.3290

■ 45.0568, 0.3461,
0.2487

■ 38.0508, 0.3566,
0.2322

■ 32.6368, 0.3680,
0.2183

■ 28.6841, 0.3800,
0.2082

■ 26.0414, 0.3921,
0.2027

■ 24.5237, 0.4040,
0.2021

■ 23.9860, 0.4111,
0.2038

Harmonies

Analogous

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



76.7320, 0.2996, 0.2950



76.7320, 0.3210, 0.3042



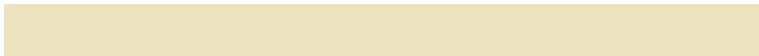
76.7320, 0.3408, 0.3195

Triad

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



76.7320, 0.3210, 0.3042



76.7320, 0.3435, 0.3648



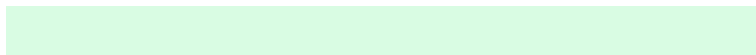
76.7320, 0.2741, 0.3182

Complementary

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



76.7320, 0.3210, 0.3042



89.8898, 0.3053, 0.3551

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.



76.7320, 0.2851, 0.3381



76.7320, 0.3210, 0.3042



76.7320, 0.3249, 0.3658

Square

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



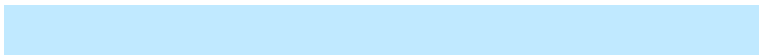
76.7320, 0.3210, 0.3042



76.7320, 0.3539, 0.3542



76.7320, 0.3035, 0.3559



76.7320, 0.2730, 0.3023

Rectangle

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



76.7320, 0.3210, 0.3042



76.7320, 0.3500, 0.3315



76.7320, 0.3035, 0.3559



76.7320, 0.2767, 0.3247

Sweetspot

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



76.7354, 0.3210, 0.3042



93.4780, 0.3149, 0.3220



72.9821, 0.2970, 0.2928



19.7538, 0.3153, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

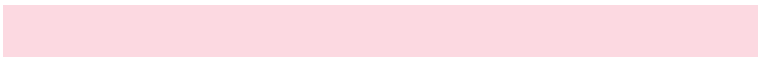
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7354, 0.3210, 0.3042



74.6215, 0.3232, 0.2984



75.7391, 0.3330, 0.3214



17.4352, 0.3182, 0.3122



12.5269, 0.4092, 0.2028



1.1784, 0.3961, 0.1956

Inverse Universe

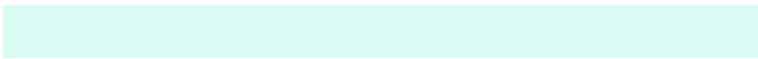
The Inverse Universe completely reimagines the original color for something new.



76.7354, 0.3210, 0.3042



74.6215, 0.3232, 0.2984



90.8996, 0.2956, 0.3367



17.4352, 0.3182, 0.3122



12.5269, 0.4092, 0.2028



1.1784, 0.3961, 0.1956

Previews

White Background



This preview shows how the Yxy color 76.7320, 0.3210, 0.3042 looks on a white background.

Color Contrast Check

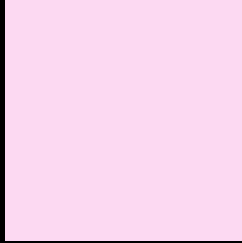
Large Text (above 18pt) WCAG AA × Fail

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 76.7320, 0.3210, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

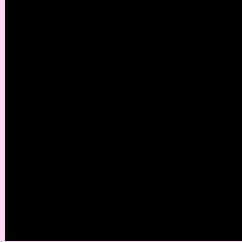
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7320, 0.3210, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 76.7320, 0.3210, 0.3042.



This preview shows how white text looks on a background with the Yxy color 76.7320, 0.3210, 0.3042.

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

76.7320, 0.3210, 0.3042

Protanopia

77.1157, 0.2989, 0.3071

Deuteranopia

76.5920, 0.3151, 0.3077



Tritanopia

76.6502, 0.3250, 0.3120

Trichromacy



Original Color

76.7320, 0.3210, 0.3042

Protanomaly

77.0301, 0.3069, 0.3065

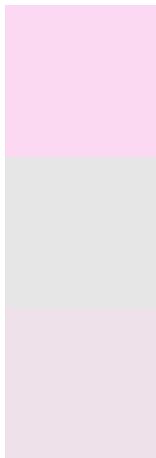
Deuteranomaly

76.6067, 0.3173, 0.3069

Tritanomaly

76.8251, 0.3230, 0.3090

Monochromacy



Original Color

76.7320, 0.3210, 0.3042

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.9681, 0.3159, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7320, 0.3210, 0.3042 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(252, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 242)  
}
```

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(252, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 242) }
```

Border

The CSS property to change the border of an element to Yxy 76.7320, 0.3210, 0.3042 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(252, 217, 242) }
```

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

```
.border{ border-color:rgb(252, 217, 242) }
```

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

Here you see how a box with a 4 pixel rgb(252, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7320, 0.3210, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 242) }
```

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

```
.background{ background-color: rgb(252,  
217, 242) }
```

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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