

Converting Colors

$Y_{xy}(75.4997, 0.3219, 0.3151)$

Have a look what the booklet for
Yxy(75.4997, 0.3219, 0.3151)
contains.

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Color

Yxy(75.7223, 0.3219, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	F4DBE8
RGB	244, 219, 232
RGB Percent	96%, 86%, 91%
CMY	0.0431, 0.1412, 0.0900
CMYK	0.00, 0.10, 0.05, 0.04
HSL	329°, 53%, 91%
HSV	329°, 10%, 96%
XYZ	77.2094, 75.7223, 86.9235
YIQ	227.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

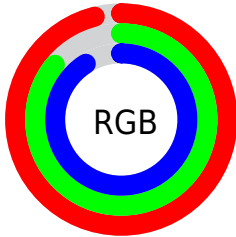
Format	Color
RYB	244, 219, 232
Decimal	16047080
CIELab	89.73, 10.80, -3.24
CIELCh	90, 11.273, 343.297
Yxy	75.7223, 0.3219, 0.3157
Android (android.graphics.Color)	4294237160 (0xFFFF4DBE8)
YUV	227.9570, 1.9932, 14.0697
Hunter-Lab	87.0186, 6.0961, 1.6877

Details

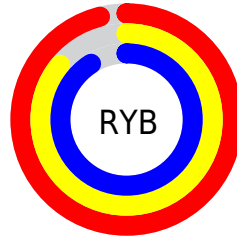
The Yxy color $75.7223, 0.3219, 0.3157$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.5274, 0.3044, 0.3427$, and the grayscale version is $77.5327, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3769, 0.3247, 0.3133$ is the 20% darker color. If you saturate the color by 10%, you get $63.2723, 0.3327, 0.3020$, and if you desaturate by 10%, it is $90.0889, 0.3129, 0.3287$.

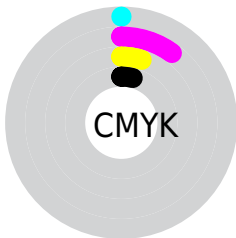
Distribution



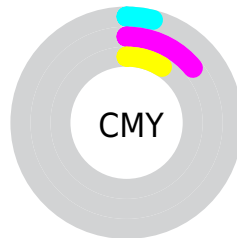
- Red (96%)
- Green (86%)
- Blue (91%)



- Red (96%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7223, 0.3219, 0.3157 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 75.7223, 0.3219, 0.3157 by changing the saturation by 10% instead.

 75.7223, 0.3219,
0.3157

 75.7223, 0.3219,
0.3157


480.3965, 0.3177,
0.3218

 56.2048, 0.3228,
0.3143


127.3343, 0.3205,
0.3178

 40.3672, 0.3240,
0.3127


160.1976, 0.3199,
0.3186

 27.8249, 0.3255,
0.3106


198.2783, 0.3194,
0.3193

 18.1937, 0.3274,
0.3079

241.9608, 0.3190,
0.3199

 11.0892, 0.3299,
0.3042

291.6295, 0.3186,
0.3205

 6.1268, 0.3335,
0.2990

347.6687, 0.3183,

 2.9224, 0.3391,

0.3209

0.2912

410.4629, 0.3180,
0.3214

■ 1.0913, 0.3488,
0.2777

■ 0.0000, 0.5480,
0.0000

■ 75.7223, 0.3219,
0.3157

■ 75.7223, 0.3219,
0.3157

■ 63.2723, 0.3327,
0.3020

■ 90.0889, 0.3129,
0.3287

■ 52.6473, 0.3457,
0.2880

■ 97.9727, 0.3060,
0.3290

■ 43.7630, 0.3610,
0.2741

■ 36.5244, 0.3788,
0.2611

■ 30.8274, 0.3991,
0.2501

■ 26.5561, 0.4213,
0.2422

■ 23.5775, 0.4447,
0.2388

■ 21.7336, 0.4682,
0.2407

■ 20.7736, 0.4902,
0.2474

Harmonies

Analogous

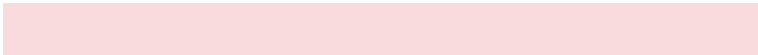
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7223, 0.3083, 0.3084



75.7223, 0.3219, 0.3157



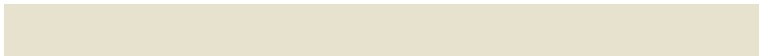
75.7223, 0.3332, 0.3264

Triad

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



75.7223, 0.3219, 0.3157



75.7223, 0.3292, 0.3523



75.7223, 0.2872, 0.3191

Complementary

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



75.7223, 0.3219, 0.3157



85.5274, 0.3044, 0.3427

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.



75.7223, 0.2926, 0.3312



75.7223, 0.3219, 0.3157



75.7223, 0.3167, 0.3507

Square

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



75.7223, 0.3219, 0.3157



75.7223, 0.3374, 0.3475



75.7223, 0.3033, 0.3429



75.7223, 0.2885, 0.3101

Rectangle

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



75.7223, 0.3219, 0.3157



75.7223, 0.3377, 0.3342



75.7223, 0.3033, 0.3429



75.7223, 0.2883, 0.3230

Sweetspot

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



75.7256, 0.3219, 0.3157



94.9824, 0.3152, 0.3252



74.1291, 0.3046, 0.3031



20.0503, 0.3159, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

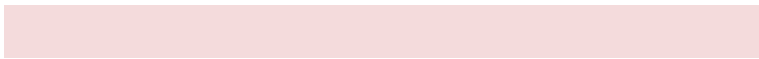
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7256, 0.3219, 0.3157



81.0998, 0.3237, 0.3133



75.0554, 0.3303, 0.3282



16.6270, 0.3212, 0.3167



11.3236, 0.4868, 0.2455



1.0160, 0.4603, 0.2309

Inverse Universe

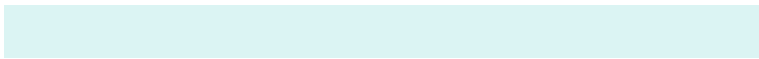
The Inverse Universe completely reimagines the original color for something new.



75.7256, 0.3219, 0.3157



81.0998, 0.3237, 0.3133



86.2415, 0.2974, 0.3298



16.6270, 0.3212, 0.3167



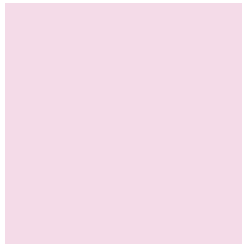
11.3236, 0.4868, 0.2455



1.0160, 0.4603, 0.2309

Previews

White Background



This preview shows how the Yxy color 75.7223, 0.3219, 0.3157 looks on a white background.

Color Contrast Check

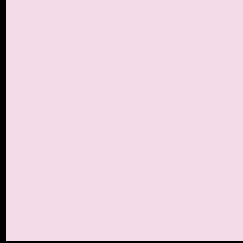
Large Text (above 18pt) WCAG AA × Fail

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 75.7223, 0.3219, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

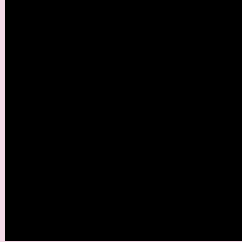
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7223, 0.3219, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 75.7223, 0.3219, 0.3157.



This preview shows how white text looks on a background with the Yxy color 75.7223, 0.3219, 0.3157.

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

75.7223, 0.3219, 0.3157

Protanopia

75.6404, 0.3077, 0.3174

Deuteranopia

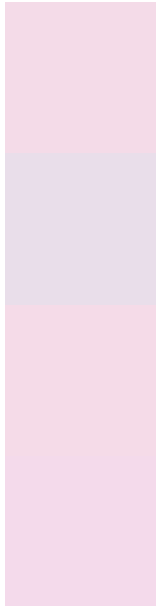
75.9017, 0.3227, 0.3158



Tritanopia

75.4320, 0.3193, 0.3107

Trichromacy



Original Color

75.7223, 0.3219, 0.3157

Protanomaly

75.5067, 0.3126, 0.3165

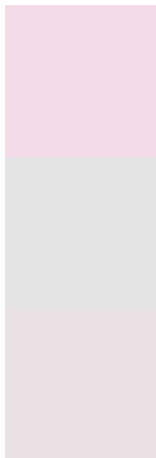
Deuteranomaly

75.9017, 0.3227, 0.3158

Tritanomaly

75.3741, 0.3200, 0.3117

Monochromacy



Original Color

75.7223, 0.3219, 0.3157

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0000, 0.3164, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7223, 0.3219, 0.3157 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(244, 219, 232)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 232)  
}
```

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(244, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 232) }
```

Border

The CSS property to change the border of an element to Yxy 75.7223, 0.3219, 0.3157 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(244, 219, 232) }
```

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

```
.border{ border-color:rgb(244, 219, 232) }
```

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

Here you see how a box with a 4 pixel rgb(244, 219, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
232) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.7223, 0.3219, 0.3157$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 232) }
```

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

```
.background{ background-color: rgb(244,  
219, 232) }
```

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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