

Converting Colors

$Yxy(76.0386, 0.3268, 0.3199)$

Have a look what the booklet for
Yxy(76.0386, 0.3268, 0.3199)
contains.

Yxy(76.0386, 0.3268, 0.3199)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.0386, 0.3268, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	F7DBE4
RGB	247, 219, 228
RGB Percent	97%, 86%, 89%
CMY	0.0316, 0.1411, 0.1059
CMYK	0.00, 0.11, 0.08, 0.03
HSL	341°, 63%, 91%
HSV	341°, 11%, 97%
XYZ	77.6787, 76.0386, 83.9776
YIQ	228.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

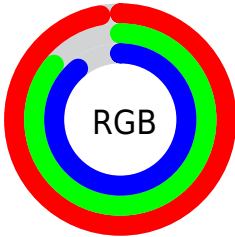
Format	Color
R _Y B	247, 219, 228
Decimal	16243684
CIE Lab	89.88, 11.11, -0.87
CIE LCh	90, 11.141, 355.539
Yxy	76.0386, 0.3268, 0.3199
Android (android.graphics.Color)	4294433764 (0xFFFF7DBE4)
YUV	228.3980, -0.1962, 16.3140
Hunter-Lab	87.2001, 6.4093, 3.9412

Details

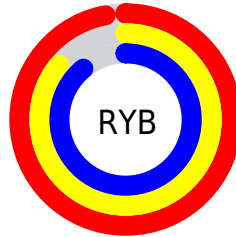
The Yxy color **76.0386, 0.3268, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7262, 0.3004, 0.3383**, and the grayscale version is **77.8817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6444, 0.3302, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **63.2103, 0.3423, 0.3113**, and if you desaturate by 10%, it is **90.8753, 0.3142, 0.3280**.

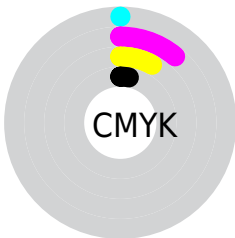
Distribution



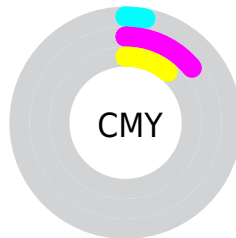
- Red (97%)
- Green (86%)
- Blue (89%)



- Red (97%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0386, 0.3268, 0.3199 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 76.0386, 0.3268, 0.3199 by changing the saturation by 10% instead.


 76.0386, 0.3268,
0.3199

 76.0386, 0.3268,
0.3199


481.4798, 0.3203,
0.3241

 56.4642, 0.3283,
0.3190


127.7815, 0.3246,
0.3213

 40.5752, 0.3301,
0.3178


160.7187, 0.3237,
0.3219

 27.9873, 0.3323,
0.3163


198.8790, 0.3229,
0.3224

 18.3161, 0.3353,
0.3144

242.6467, 0.3223,
0.3228

 11.1772, 0.3393,
0.3119

292.4062, 0.3217,
0.3232

 6.1861, 0.3451,
0.3082

348.5420, 0.3212,

 2.9586, 0.3540,

0.3235

0.3025

411.4384, 0.3207,
0.3238

■ 1.1101, 0.3698,
0.2926

■ 0.0000, 0.8494,
0.0000

■ 76.0386, 0.3268,
0.3199

■ 76.0386, 0.3268,
0.3199

■ 63.2103, 0.3423,
0.3113

■ 90.8753, 0.3142,
0.3280

■ 52.2939, 0.3612,
0.3025

■ 98.5050, 0.3078,
0.3290

■ 43.2001, 0.3841,
0.2939

■ 35.8283, 0.4113,
0.2861

■ 30.0682, 0.4427,
0.2801

■ 25.7965, 0.4774,
0.2771

■ 22.8719, 0.5132,
0.2783

■ 21.1250, 0.5472,
0.2845

■ 20.3344, 0.5731,
0.2930

Harmonies

Analogous

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



76.0386, 0.3139, 0.3111



76.0386, 0.3268, 0.3199



76.0386, 0.3360, 0.3311

Triad

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



76.0386, 0.3268, 0.3199



76.0386, 0.3243, 0.3522



76.0386, 0.2873, 0.3151

Complementary

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



76.0386, 0.3268, 0.3199



87.7262, 0.3004, 0.3383

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.



76.0386, 0.2900, 0.3261



76.0386, 0.3268, 0.3199



76.0386, 0.3111, 0.3479

Square

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



76.0386, 0.3268, 0.3199



76.0386, 0.3345, 0.3499



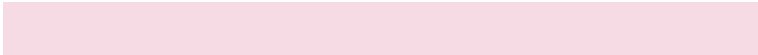
76.0386, 0.2986, 0.3383



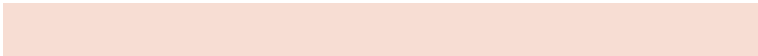
76.0386, 0.2912, 0.3082

Rectangle

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



76.0386, 0.3268, 0.3199



76.0386, 0.3387, 0.3387



76.0386, 0.2986, 0.3383



76.0386, 0.2874, 0.3185

Sweetspot

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



76.0419, 0.3268, 0.3199



94.8859, 0.3161, 0.3267



75.5031, 0.3075, 0.3005



20.0242, 0.3171, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

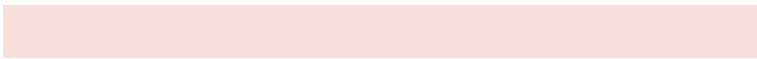
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0419, 0.3268, 0.3199



77.8362, 0.3307, 0.3176



78.0194, 0.3324, 0.3338



16.5703, 0.3243, 0.3214



10.7821, 0.5687, 0.2907



0.9656, 0.5334, 0.2712

Inverse Universe

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



76.0419, 0.3268, 0.3199



77.8362, 0.3307, 0.3176



85.4563, 0.2953, 0.3241



16.5703, 0.3243, 0.3214



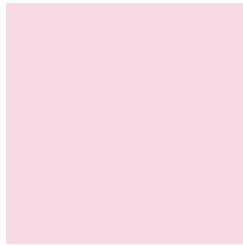
10.7821, 0.5687, 0.2907



0.9656, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 76.0386, 0.3268, 0.3199 looks on a white background.

Color Contrast Check

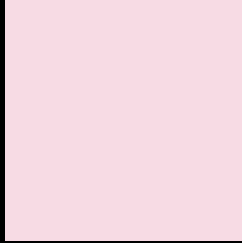
Large Text (above 18pt) WCAG AA × Fail

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 76.0386, 0.3268, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

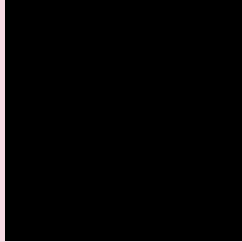
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0386, 0.3268, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 76.0386, 0.3268, 0.3199.

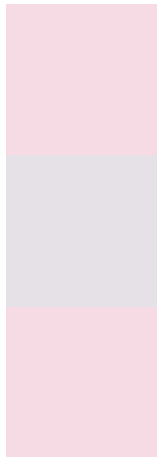


This preview shows how white text looks on a background with the Yxy color 76.0386, 0.3268, 0.3199.

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

76.0386, 0.3268, 0.3199

Protanopia

76.2780, 0.3116, 0.3227

Deuteranopia

76.0386, 0.3268, 0.3199



Tritanopia

76.0974, 0.3228, 0.3119

Trichromacy



Original Color

76.0386, 0.3268, 0.3199

Protanomaly

76.3214, 0.3173, 0.3217

Deuteranomaly

76.0386, 0.3268, 0.3199

Tritanomaly

75.9255, 0.3249, 0.3149

Monochromacy



Original Color

76.0386, 0.3268, 0.3199

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1140, 0.3178, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0386, 0.3268, 0.3199 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(247, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 228)  
}
```

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(247, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.0386, 0.3268, 0.3199 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(247, 219, 228) }
```

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

```
.border{ border-color:rgb(247, 219, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 228);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0386, 0.3268, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 228) }
```

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

```
.background{ background-color: rgb(247,  
219, 228) }
```

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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