

Converting Colors

$Y_{xy}(76.5113, 0.3240, 0.3232)$

Have a look what the booklet for
Yxy(76.5113, 0.3240, 0.3232)
contains.

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Color

Yxy(76.3136, 0.3244, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	F3DDE3
RGB	243, 221, 227
RGB Percent	95%, 87%, 89%
CMY	0.0473, 0.1332, 0.1098
CMYK	0.00, 0.09, 0.07, 0.05
HSL	344°, 48%, 91%
HSV	344°, 9%, 95%
XYZ	76.6681, 76.3136, 83.3565
YIQ	228.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

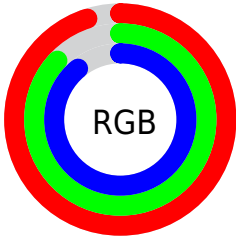
Format	Color
R _Y B	243, 221, 227
Decimal	15982051
CIE Lab	90.00, 8.52, -0.19
CIE LCh	90, 8.523, 358.700
Yxy	76.3136, 0.3244, 0.3229
Android (android.graphics.Color)	4294172131 (0xFFFF3DDE3)
YUV	228.2620, -0.6222, 12.9252
Hunter-Lab	87.3577, 3.7819, 4.5760

Details

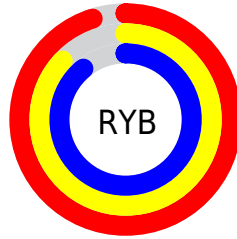
The Yxy color **76.3136, 0.3244, 0.3229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.5568, 0.3022, 0.3352**, and the grayscale version is **77.7806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8158, 0.3271, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **63.4744, 0.3402, 0.3157**, and if you desaturate by 10%, it is **91.1161, 0.3116, 0.3296**.

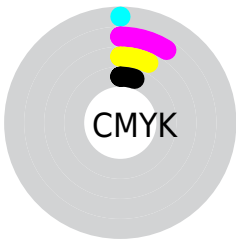
Distribution



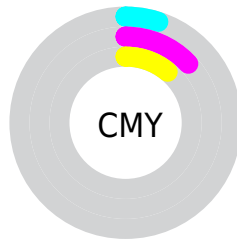
- Red (95%)
- Green (87%)
- Blue (89%)



- Red (95%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3136, 0.3244, 0.3229 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 76.3136, 0.3244, 0.3229 by changing the saturation by 10% instead.

 76.3136, 0.3244,
0.3229

 76.3136, 0.3244,
0.3229

482.4205, 0.3190,
0.3257

 56.6897, 0.3256,
0.3223


128.1701, 0.3225,
0.3239

 40.7562, 0.3271,
0.3215


161.1715, 0.3218,
0.3242

 28.1286, 0.3290,
0.3205


199.4008, 0.3212,
0.3246

 18.4226, 0.3315,
0.3192

243.2425, 0.3207,
0.3249

 11.2538, 0.3348,
0.3175

293.0809, 0.3202,
0.3251

 6.2378, 0.3396,
0.3149

349.3005, 0.3198,

 2.9902, 0.3471,

0.3253

0.3111

412.2855, 0.3194,
0.3255

■ 1.1266, 0.3602,
0.3042

■ 0.0005, 0.9345,
0.0024

■ 76.3136, 0.3244,
0.3229

■ 76.3136, 0.3244,
0.3229

■ 63.4744, 0.3402,
0.3157

■ 91.1161, 0.3116,
0.3296

■ 52.5060, 0.3596,
0.3083

■ 97.7847, 0.3053,
0.3290

■ 43.3235, 0.3833,
0.3009

■ 35.8316, 0.4117,
0.2941

■ 29.9260, 0.4447,
0.2888

■ 25.4905, 0.4816,
0.2860

■ 22.3933, 0.5199,
0.2869

■ 20.4783, 0.5564,
0.2922

■ 19.5121, 0.5872,
0.3014

Harmonies

Analogous

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



76.3136, 0.3147, 0.3158



76.3136, 0.3244, 0.3229



76.3136, 0.3310, 0.3317

Triad

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



76.3136, 0.3244, 0.3229



76.3136, 0.3206, 0.3465



76.3136, 0.2933, 0.3177

Complementary

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



76.3136, 0.3244, 0.3229



85.5568, 0.3022, 0.3352

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.



76.3136, 0.2948, 0.3259



76.3136, 0.3244, 0.3229



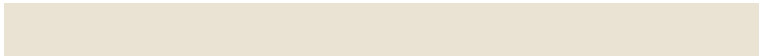
76.3136, 0.3105, 0.3428

Square

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



76.3136, 0.3244, 0.3229



76.3136, 0.3287, 0.3454



76.3136, 0.3011, 0.3352



76.3136, 0.2969, 0.3127

Rectangle

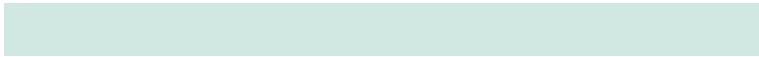
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3136, 0.3244, 0.3229



76.3136, 0.3326, 0.3373



76.3136, 0.3011, 0.3352



76.3136, 0.2932, 0.3202

Sweetspot

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



76.3169, 0.3244, 0.3229



94.8624, 0.3164, 0.3270



76.1529, 0.3094, 0.3066



20.0179, 0.3174, 0.3265



0.0000, 0.0000, 0.0000



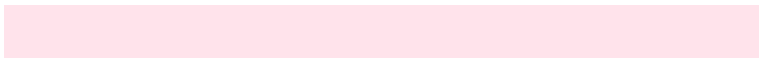
21.4041, 0.3127, 0.3290

Same Dimension

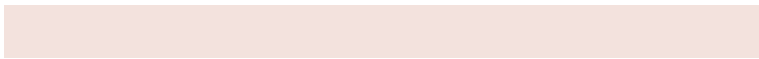
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3169, 0.3244, 0.3229



82.1452, 0.3273, 0.3215



78.5368, 0.3280, 0.3339



16.5566, 0.3251, 0.3226



10.6941, 0.5859, 0.3001



0.9565, 0.5506, 0.2807

Inverse Universe

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



76.3169, 0.3244, 0.3229



82.1452, 0.3273, 0.3215



83.1065, 0.2988, 0.3240



16.5566, 0.3251, 0.3226



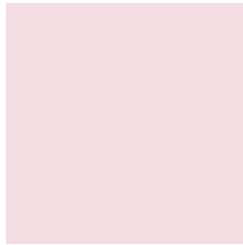
10.6941, 0.5859, 0.3001



0.9565, 0.5506, 0.2807

Previews

White Background



This preview shows how the Yxy color 76.3136, 0.3244, 0.3229 looks on a white background.

Color Contrast Check

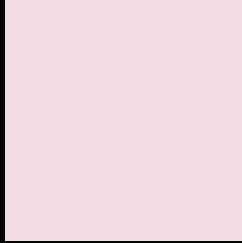
Large Text (above 18pt) WCAG AA × Fail

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 76.3136, 0.3244, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

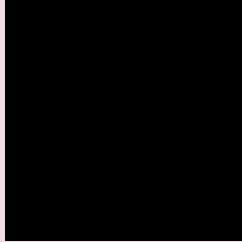
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

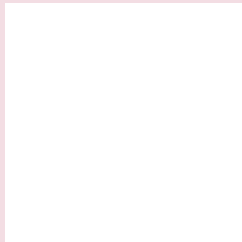
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3136, 0.3244, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 76.3136, 0.3244, 0.3229.

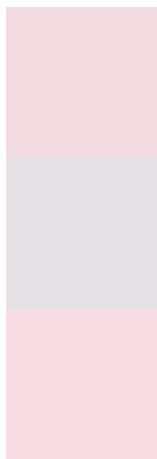


This preview shows how white text looks on a background with the Yxy color 76.3136, 0.3244, 0.3229.

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

76.3136, 0.3244, 0.3229

Protanopia

76.1656, 0.3129, 0.3248

Deuteranopia

76.1655, 0.3283, 0.3209



Tritanopia

76.0106, 0.3186, 0.3107

Trichromacy



Original Color

76.3136, 0.3244, 0.3229

Protanomaly

76.4052, 0.3171, 0.3248

Deuteranomaly

76.3253, 0.3267, 0.3219

Tritanomaly

76.3027, 0.3212, 0.3158

Monochromacy



Original Color

76.3136, 0.3244, 0.3229

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7755, 0.3164, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3136, 0.3244, 0.3229 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(243, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 227)  
}
```

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(243, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 227) }
```

Border

The CSS property to change the border of an element to Yxy 76.3136, 0.3244, 0.3229 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(243, 221, 227) }
```

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

```
.border{ border-color:rgb(243, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 221,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3136, 0.3244, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 227) }
```

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

```
.background{ background-color: rgb(243,  
221, 227) }
```

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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