

Converting Colors

$Y_{xy}(75.9167, 0.3232, 0.3297)$

Have a look what the booklet for
Yxy(75.9167, 0.3232, 0.3297)
contains.

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Color

Yxy(76.0538, 0.3233, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFDE
RGB	237, 223, 222
RGB Percent	93%, 87%, 87%
CMY	0.0707, 0.1254, 0.1294
CMYK	0.00, 0.06, 0.06, 0.07
HSL	4°, 29%, 90%
HSV	4°, 6%, 93%
XYZ	74.4871, 76.0538, 79.8553
YIQ	227.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

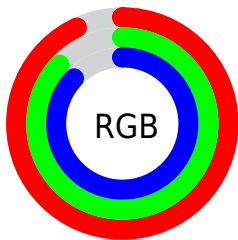
Format	Color
RYP	237, 223, 222
Decimal	15589342
CIELab	89.88, 4.58, 2.20
CIElCh	90, 5.084, 25.609
Yxy	76.0538, 0.3233, 0.3301
Android (android.graphics.Color)	4293779422 (0xFFEDDFDE)
YUV	227.0720, -2.5005, 8.7069
Hunter-Lab	87.2088, -0.1544, 6.7555

Details

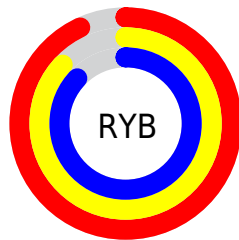
The Yxy color **76.0538, 0.3233, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.5954, 0.3029, 0.3279**, and the grayscale version is **76.8834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6190, 0.3256, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **63.8373, 0.3433, 0.3320**, and if you desaturate by 10%, it is **89.9931, 0.3072, 0.3284**.

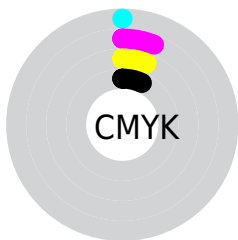
Distribution



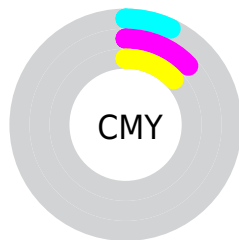
- Red (93%)
- Green (87%)
- Blue (87%)



- Red (93%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0538, 0.3233, 0.3301 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 76.0538, 0.3233, 0.3301 by changing the saturation by 10% instead.


 76.0538, 0.3233,
0.3301

 76.0538, 0.3233,
0.3301


481.5318, 0.3184,
0.3296

 56.4766, 0.3244,
0.3302


127.8030, 0.3216,
0.3299

 40.5852, 0.3258,
0.3303


160.7437, 0.3210,
0.3299

 27.9951, 0.3275,
0.3305


198.9078, 0.3204,
0.3298

 18.3220, 0.3298,
0.3307

242.6796, 0.3199,
0.3298

 11.1814, 0.3328,
0.3309

292.4435, 0.3195,
0.3297

 6.1890, 0.3373,
0.3313

348.5839, 0.3191,

 2.9603, 0.3442,

0.3297

0.3317

411.4852, 0.3187,
0.3297

■ 1.1111, 0.3565,
0.3324

■ 0.0000, 1.0000,
0.0000

■ 76.0538, 0.3233,
0.3301

■ 76.0538, 0.3233,
0.3301

■ 63.8373, 0.3433,
0.3320

■ 89.9931, 0.3072,
0.3284

■ 53.2671, 0.3680,
0.3339

■ 96.7381, 0.3017,
0.3290

■ 44.2760, 0.3984,
0.3359

■ 36.7880, 0.4350,
0.3377

■ 30.7212, 0.4775,
0.3391

■ 25.9856, 0.5236,
0.3397

■ 22.4810, 0.5689,
0.3390

■ 20.0930, 0.6066,
0.3369

■ 18.6856, 0.6305,
0.3338

Harmonies

Analogous

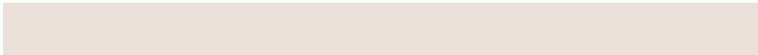
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0538, 0.3192, 0.3249



76.0538, 0.3233, 0.3301



76.0538, 0.3246, 0.3351

Triad

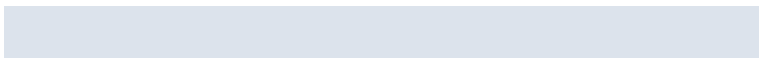
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0538, 0.3233, 0.3301



76.0538, 0.3120, 0.3375



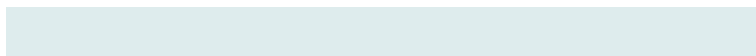
76.0538, 0.3029, 0.3195

Complementary

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



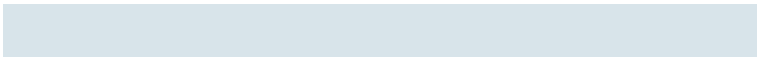
76.0538, 0.3233, 0.3301



81.5954, 0.3029, 0.3279

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.



76.0538, 0.3010, 0.3228



76.0538, 0.3233, 0.3301



76.0538, 0.3063, 0.3332

Square

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



76.0538, 0.3233, 0.3301



76.0538, 0.3180, 0.3395



76.0538, 0.3023, 0.3278



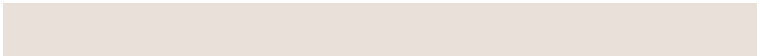
76.0538, 0.3074, 0.3188

Rectangle

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



76.0538, 0.3233, 0.3301



76.0538, 0.3236, 0.3377



76.0538, 0.3023, 0.3278



76.0538, 0.3019, 0.3203

Sweetspot

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



76.0571, 0.3233, 0.3301



96.6822, 0.3159, 0.3293



76.2911, 0.3141, 0.3146



20.7287, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



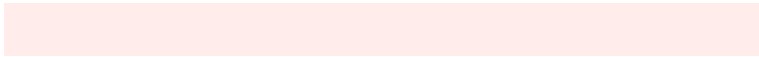
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0571, 0.3233, 0.3301



87.2247, 0.3264, 0.3304



80.1306, 0.3226, 0.3378



15.2197, 0.3291, 0.3307



10.1027, 0.6350, 0.3340



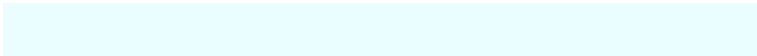
0.8515, 0.6218, 0.3445

Inverse Universe

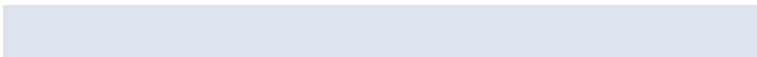
The Inverse Universe completely reimagines the original color for something new.



81.5954, 0.3029, 0.3279



95.4456, 0.3003, 0.3276



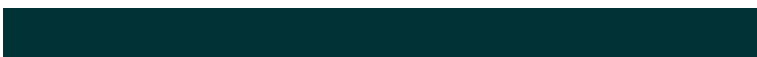
77.3921, 0.3030, 0.3200



16.9348, 0.2981, 0.3273



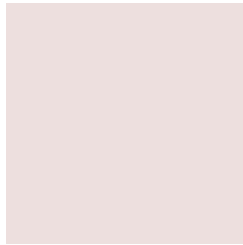
31.5823, 0.2188, 0.3075



2.5332, 0.2196, 0.3107

Previews

White Background



This preview shows how the Yxy color 76.0538, 0.3233, 0.3301 looks on a white background.

Color Contrast Check

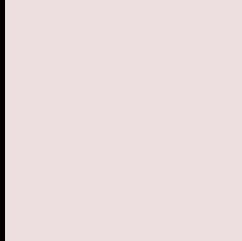
Large Text (above 18pt) WCAG AA × Fail

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 76.0538, 0.3233, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

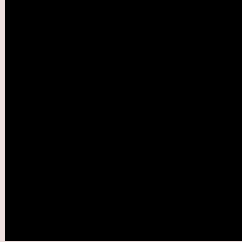
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

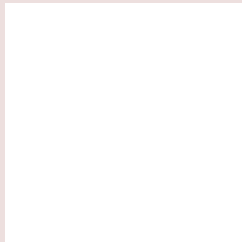
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0538, 0.3233, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 76.0538, 0.3233, 0.3301.

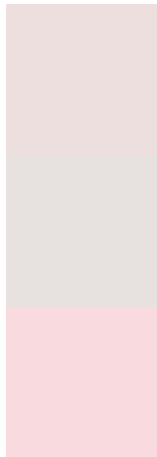


This preview shows how white text looks on a background with the Yxy color 76.0538, 0.3233, 0.3301.

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

76.0538, 0.3233, 0.3301

Protanopia

76.1671, 0.3182, 0.3311

Deuteranopia

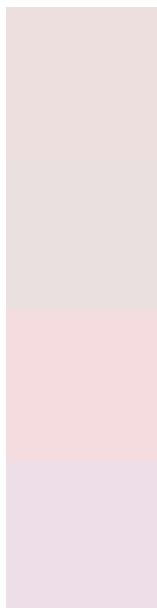
76.1305, 0.3318, 0.3250



Tritanopia

76.2367, 0.3142, 0.3116

Trichromacy



Original Color

76.0538, 0.3233, 0.3301

Protanomaly

75.9627, 0.3197, 0.3301

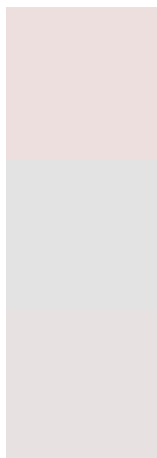
Deuteranomaly

75.9266, 0.3287, 0.3260

Tritanomaly

76.2459, 0.3174, 0.3187

Monochromacy



Original Color

76.0538, 0.3233, 0.3301

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8179, 0.3168, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0538, 0.3233, 0.3301 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(237, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 222)  
}
```

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(237, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 222) }
```

Border

The CSS property to change the border of an element to Yxy 76.0538, 0.3233, 0.3301 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(237, 223, 222) }
```

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

```
.border{ border-color:rgb(237, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 223, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 223, 222); box-shadow:4px 4px 4px 4px rgb(237, 223, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0538, 0.3233, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 222) }
```

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

```
.background{ background-color: rgb(237,  
223, 222) }
```

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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