

Converting Colors

$Y_{xy}(77.0300, 0.3255, 0.3275)$

Have a look what the booklet for
Yxy(77.0300, 0.3255, 0.3275)
contains.

Yxy(77.0344, 0.3256, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.0344, 0.3256, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFE0
RGB	242, 223, 224
RGB Percent	95%, 87%, 88%
CMY	0.0508, 0.1255, 0.1216
CMYK	0.00, 0.08, 0.07, 0.05
HSL	357°, 42%, 91%
HSV	357°, 8%, 95%
XYZ	76.4707, 77.0344, 81.3558
YIQ	228.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

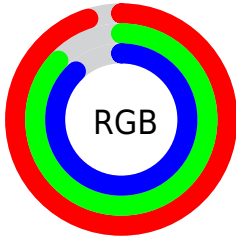
Format	Color
R _Y B	242, 223, 224
Decimal	15917024
CIE Lab	90.34, 6.69, 1.86
CIE LCh	90, 6.940, 15.510
Yxy	77.0344, 0.3256, 0.3280
Android (android.graphics.Color)	4294107104 (0xFF F2DF E0)
YUV	228.7950, -2.3639, 11.5808
Hunter-Lab	87.7692, 1.9256, 6.4809

Details

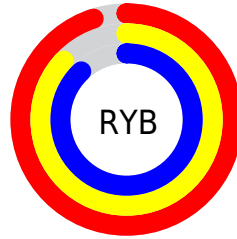
The Yxy color **77.0344, 0.3256, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.5710, 0.3011, 0.3300**, and the grayscale version is **78.2132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3089, 0.3286, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **63.8545, 0.3456, 0.3267**, and if you desaturate by 10%, it is **92.2376, 0.3096, 0.3293**.

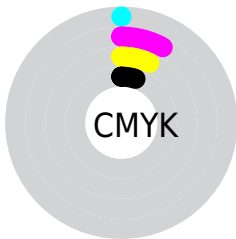
Distribution



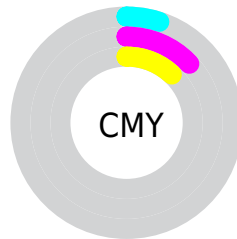
- Red (95%)
- Green (87%)
- Blue (88%)



- Red (95%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0344, 0.3256, 0.3280 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 77.0344, 0.3256, 0.3280 by changing the saturation by 10% instead.


 77.0344, 0.3256,
0.3280

 77.0344, 0.3256,
0.3280

484.8813, 0.3197,
0.3285

 57.2811, 0.3269,
0.3279


129.1880, 0.3236,
0.3282

 41.2310, 0.3286,
0.3277


162.3572, 0.3228,
0.3282

 28.4996, 0.3307,
0.3275


200.7671, 0.3221,
0.3283

 18.7026, 0.3334,
0.3273

244.8021, 0.3215,
0.3283

 11.4556, 0.3371,
0.3269

294.8466, 0.3209,
0.3284

 6.3742, 0.3424,
0.3264

351.2851, 0.3205,

 3.0739, 0.3507,

0.3284

414.5018, 0.3201,
0.3285

0.3255

1.1704, 0.3653,
0.3237

0.0374, 0.8418,
0.1582

77.0344, 0.3256,
0.3280

77.0344, 0.3256,
0.3280

63.8545, 0.3456,
0.3267

92.2376, 0.3096,
0.3293

52.6029, 0.3706,
0.3253

97.6252, 0.3048,
0.3290

43.1925, 0.4015,
0.3239

35.5251, 0.4388,
0.3228

■ 29.4937, 0.4822,
0.3220

■ 24.9794, 0.5290,
0.3220

■ 21.8472, 0.5743,
0.3230

■ 19.9386, 0.6109,
0.3250

■ 19.0395, 0.6330,
0.3275

Harmonies

Analogous

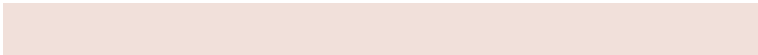
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0344, 0.3190, 0.3212



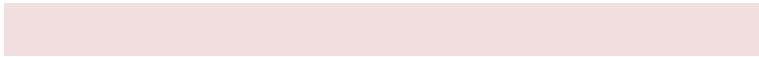
77.0344, 0.3256, 0.3280



77.0344, 0.3288, 0.3351

Triad

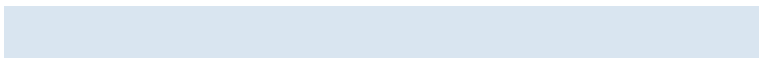
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0344, 0.3256, 0.3280



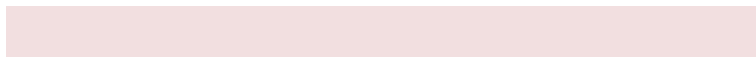
77.0344, 0.3146, 0.3419



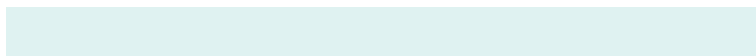
77.0344, 0.2981, 0.3172

Complementary

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



77.0344, 0.3256, 0.3280



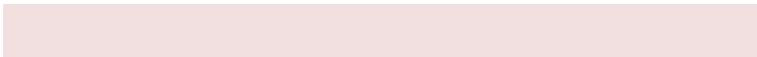
85.5710, 0.3011, 0.3300

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.



77.0344, 0.2969, 0.3226



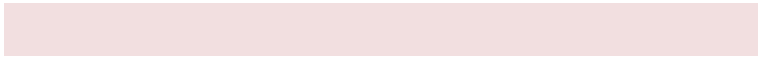
77.0344, 0.3256, 0.3280



77.0344, 0.3064, 0.3370

Square

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



77.0344, 0.3256, 0.3280



77.0344, 0.3223, 0.3433



77.0344, 0.3000, 0.3298



77.0344, 0.3031, 0.3150

Rectangle

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



77.0344, 0.3256, 0.3280



77.0344, 0.3285, 0.3391



77.0344, 0.3000, 0.3298



77.0344, 0.2972, 0.3187

Sweetspot

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



77.0378, 0.3256, 0.3280



96.4818, 0.3158, 0.3288



77.8456, 0.3127, 0.3097



20.6879, 0.3156, 0.3288



0.0000, 0.0000, 0.0000



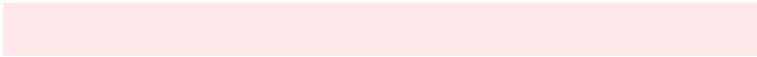
21.4041, 0.3127, 0.3290

Same Dimension

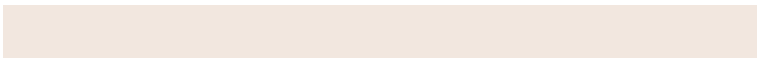
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0378, 0.3256, 0.3280



84.8994, 0.3277, 0.3279



81.5033, 0.3255, 0.3375



15.7723, 0.3285, 0.3278



10.1622, 0.6345, 0.3269



0.8501, 0.6202, 0.3190

Inverse Universe

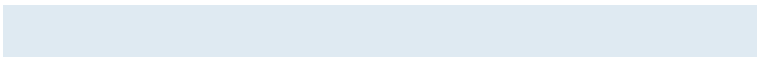
The Inverse Universe completely reimagines the original color for something new.



77.0378, 0.3256, 0.3280



84.8994, 0.3277, 0.3279



80.8255, 0.3005, 0.3204



15.7723, 0.3285, 0.3278



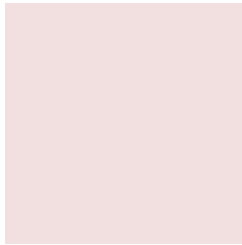
10.1622, 0.6345, 0.3269



0.8501, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 77.0344, 0.3256, 0.3280 looks on a white background.

Color Contrast Check

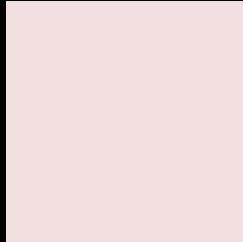
Large Text (above 18pt) WCAG AA × Fail

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 77.0344, 0.3256, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

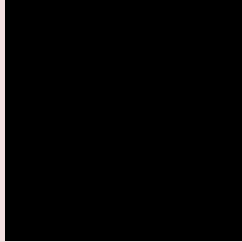
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

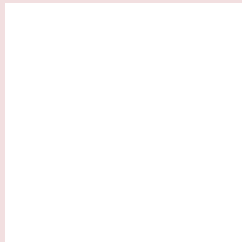
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0344, 0.3256, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 77.0344, 0.3256, 0.3280.

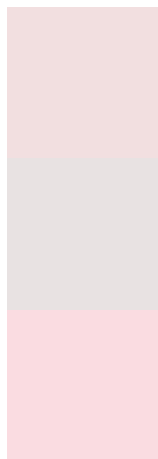


This preview shows how white text looks on a background with the Yxy color 77.0344, 0.3256, 0.3280.

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

77.0344, 0.3256, 0.3280

Protanopia

77.0395, 0.3169, 0.3290

Deuteranopia

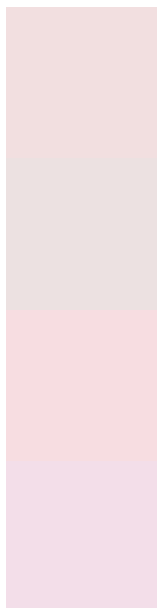
76.9466, 0.3310, 0.3240



Tritanopia

77.1190, 0.3178, 0.3118

Trichromacy



Original Color

77.0344, 0.3256, 0.3280

Protanomaly

77.1195, 0.3204, 0.3290

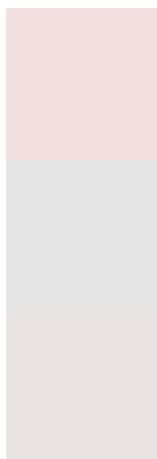
Deuteranomaly

76.9233, 0.3287, 0.3250

Tritanomaly

77.1804, 0.3203, 0.3178

Monochromacy



Original Color

77.0344, 0.3256, 0.3280

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9766, 0.3176, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0344, 0.3256, 0.3280 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(242, 223, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 224)  
}
```

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(242, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 224) }
```

Border

The CSS property to change the border of an element to Yxy 77.0344, 0.3256, 0.3280 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(242, 223, 224) }
```

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

```
.border{ border-color:rgb(242, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0344, 0.3256, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 224) }
```

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

```
.background{ background-color: rgb(242,  
223, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor