

Converting Colors

$Yxy(77.4047, 0.3358, 0.3323)$

Have a look what the booklet for
Yxy(77.4047, 0.3358, 0.3323)
contains.

Yxy(77.0989, 0.3357, 0.3321)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.0989, 0.3357, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	FADDDA
RGB	250, 221, 218
RGB Percent	98%, 87%, 85%
CMY	0.0197, 0.1333, 0.1450
CMYK	0.00, 0.12, 0.13, 0.02
HSL	6°, 76%, 92%
HSV	6°, 13%, 98%
XYZ	77.9347, 77.0989, 77.1221
YIQ	229.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

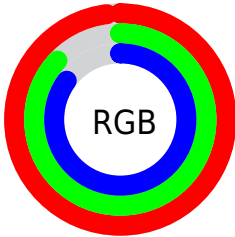
Format	Color
R _Y B	250, 221, 218
Decimal	16440794
CIE Lab	90.37, 9.51, 5.11
CIE LCh	90, 10.795, 28.261
Yxy	77.0989, 0.3357, 0.3321
Android (android.graphics.Color)	4294630874 (0xFFFA ^{DD} DA)
YUV	229.3290, -5.5852, 18.1285
Hunter-Lab	87.8060, 4.7722, 9.3883

Details

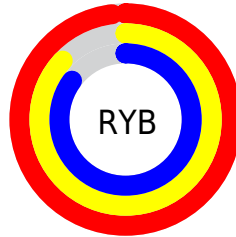
The Yxy color **77.0989, 0.3357, 0.3321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3366, 0.2931, 0.3259**, and the grayscale version is **78.6436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2542, 0.3410, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **64.7173, 0.3585, 0.3347**, and if you desaturate by 10%, it is **91.3008, 0.3172, 0.3296**.

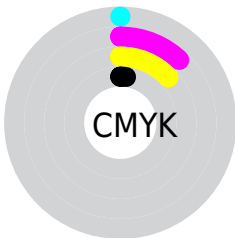
Distribution



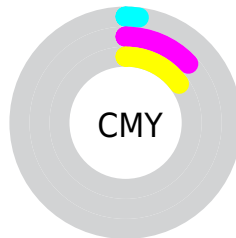
- Red (98%)
- Green (87%)
- Blue (85%)



- Red (98%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0989, 0.3357, 0.3321 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 77.0989, 0.3357, 0.3321 by changing the saturation by 10% instead.


 77.0989, 0.3357,
0.3321

 77.0989, 0.3357,
0.3321


485.1012, 0.3251,
0.3308

 57.3340, 0.3381,
0.3324

129.2791, 0.3320,
0.3317

 41.2735, 0.3411,
0.3327

162.4632, 0.3306,
0.3315

 28.5329, 0.3448,
0.3331


200.8892, 0.3294,
0.3313

 18.7277, 0.3497,
0.3336

244.9415, 0.3283,
0.3312

 11.4737, 0.3564,
0.3342

295.0044, 0.3274,
0.3311

 6.3864, 0.3660,
0.3349

351.4624, 0.3265,

 3.0814, 0.3809,

0.3310

414.6999, 0.3258,
0.3309

0.3358

■ 1.1744, 0.4073,
0.3368

■ 0.0406, 0.8695,
0.1305

■ 77.0989, 0.3357,
0.3321

■ 77.0989, 0.3357,
0.3321

■ 64.7173, 0.3585,
0.3347

■ 91.3008, 0.3172,
0.3296

■ 54.0725, 0.3866,
0.3374

■ 99.0615, 0.3096,
0.3290

■ 45.0900, 0.4205,
0.3400

■ 37.6857, 0.4604,
0.3421

■ 31.7682, 0.5050,
0.3433

■ 27.2368, 0.5507,
0.3431

■ 23.9780, 0.5917,
0.3411

■ 21.8606, 0.6215,
0.3373

■ 20.9467, 0.6344,
0.3345

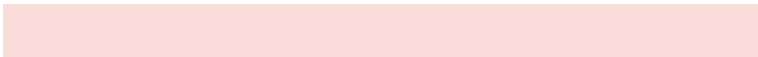
Harmonies

Analogous

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



77.0989, 0.3273, 0.3211



77.0989, 0.3357, 0.3321



77.0989, 0.3378, 0.3425

Triad

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



77.0989, 0.3357, 0.3321



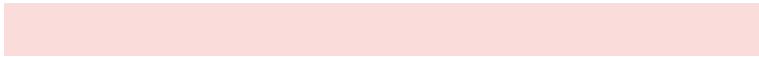
77.0989, 0.3100, 0.3466



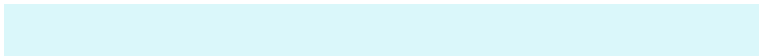
77.0989, 0.2926, 0.3085

Complementary

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



77.0989, 0.3357, 0.3321



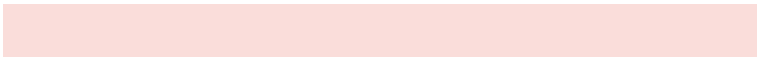
88.3366, 0.2931, 0.3259

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.



77.0989, 0.2883, 0.3148



77.0989, 0.3357, 0.3321



77.0989, 0.2982, 0.3369

Square

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



77.0989, 0.3357, 0.3321



77.0989, 0.3228, 0.3512



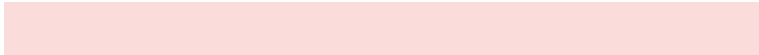
77.0989, 0.2903, 0.3252



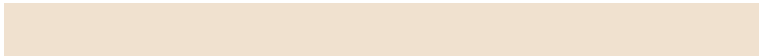
77.0989, 0.3024, 0.3077

Rectangle

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



77.0989, 0.3357, 0.3321



77.0989, 0.3353, 0.3478



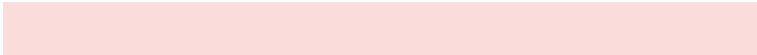
77.0989, 0.2903, 0.3252



77.0989, 0.2905, 0.3101

Sweetspot

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



77.1023, 0.3357, 0.3321



93.6006, 0.3193, 0.3299



77.2145, 0.3160, 0.2999



19.7843, 0.3206, 0.3301



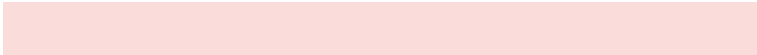
0.0000, 0.0000, 0.0000



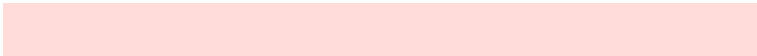
21.4041, 0.3127, 0.3290

Same Dimension

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



77.1023, 0.3357, 0.3321



77.6096, 0.3404, 0.3327



85.7628, 0.3336, 0.3478



17.4853, 0.3292, 0.3313



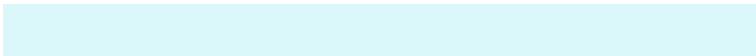
11.2001, 0.6329, 0.3356



1.1223, 0.6184, 0.3472

Inverse Universe

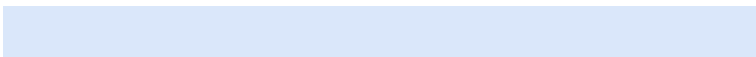
The Inverse Universe completely reimagines the original color for something new.



88.3366, 0.2931, 0.3259



91.1988, 0.2897, 0.3253



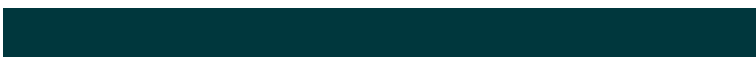
79.1559, 0.2926, 0.3095



19.3155, 0.2980, 0.3267



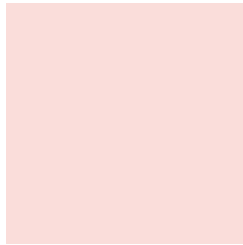
32.8263, 0.2165, 0.2995



3.1186, 0.2176, 0.3033

Previews

White Background



This preview shows how the Yxy color 77.0989, 0.3357, 0.3321 looks on a white background.

Color Contrast Check

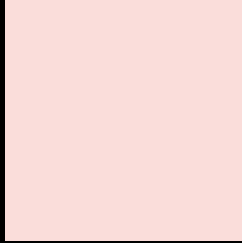
Large Text (above 18pt) WCAG AA × Fail

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 77.0989, 0.3357, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

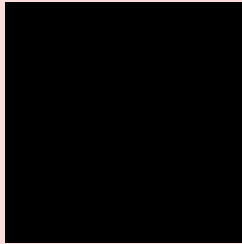
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

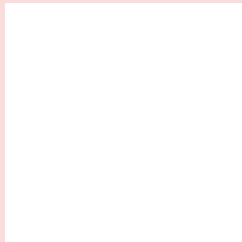
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0989, 0.3357, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 77.0989, 0.3357, 0.3321.

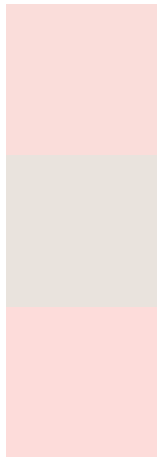


This preview shows how white text looks on a background with the Yxy color 77.0989, 0.3357, 0.3321.

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

77.0989, 0.3357, 0.3321

Protanopia

77.4823, 0.3208, 0.3353

Deuteranopia

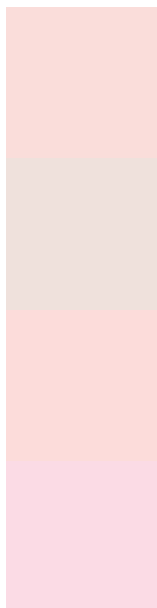
77.1310, 0.3381, 0.3311



Tritanopia

76.8364, 0.3257, 0.3120

Trichromacy



Original Color

77.0989, 0.3357, 0.3321

Protanomaly

77.3685, 0.3259, 0.3342

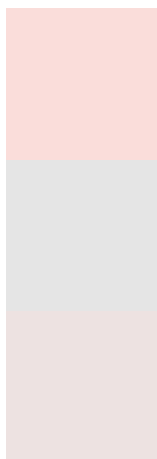
Deuteranomaly

76.9438, 0.3373, 0.3311

Tritanomaly

76.8294, 0.3291, 0.3190

Monochromacy



Original Color

77.0989, 0.3357, 0.3321

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.8335, 0.3211, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0989, 0.3357, 0.3321 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(250, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 218)  
}
```

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(250, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 218) }
```

Border

The CSS property to change the border of an element to Yxy 77.0989, 0.3357, 0.3321 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(250, 221, 218) }
```

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

```
.border{ border-color:rgb(250, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 221, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 221, 218); box-shadow:4px 4px 4px 4px rgb(250, 221, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0989, 0.3357, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 218) }
```

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

```
.background{ background-color: rgb(250,  
221, 218) }
```

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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