

Converting Colors

$Y_{xy}(75.4356, 0.3370, 0.3270)$

Have a look what the booklet for
Yxy(75.4356, 0.3370, 0.3270)
contains.

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Color

Yxy(75.4356, 0.3370, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	FCD9DB
RGB	252, 217, 219
RGB Percent	99%, 85%, 86%
CMY	0.0119, 0.1490, 0.1410
CMYK	0.00, 0.14, 0.13, 0.01
HSL	357°, 85%, 92%
HSV	357°, 14%, 99%
XYZ	77.7425, 75.4356, 77.5118
YIQ	227.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

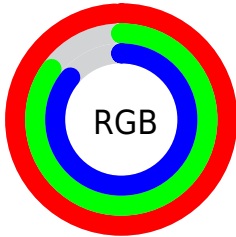
Format	Color
R _Y B	252, 217, 219
Decimal	16570843
CIE Lab	89.60, 12.44, 3.48
CIE LCh	90, 12.923, 15.637
Yxy	75.4356, 0.3370, 0.3270
Android (android.graphics.Color)	4294760923 (0xFFFCDB)
YUV	227.6930, -4.2856, 21.3172
Hunter-Lab	86.8537, 7.7810, 7.8847

Details

The Yxy color $75.4356, 0.3370, 0.3270$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $91.2587, 0.2926, 0.3310$, and the grayscale version is $77.3702, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.1231, 0.3428, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $62.2625, 0.3598, 0.3255$, and if you desaturate by 10%, it is $90.7768, 0.3188, 0.3285$.

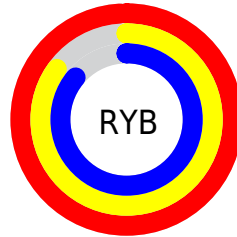
Distribution



Red (99%)

Green (85%)

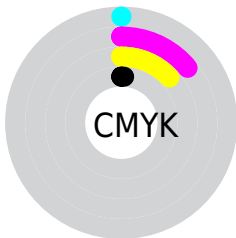
Blue (86%)



Red (99%)

Yellow (85%)

Blue (86%)

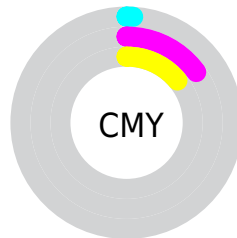


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4356, 0.3370, 0.3270 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 75.4356, 0.3370, 0.3270 by changing the saturation by 10% instead.

 75.4356, 0.3370,
0.3270

 75.4356, 0.3370,
0.3270

479.4134, 0.3258,
0.3280

 55.9698, 0.3396,
0.3267


126.9288, 0.3331,
0.3274

 40.1787, 0.3427,
0.3264


159.7250, 0.3316,
0.3275

 27.6779, 0.3467,
0.3260


197.7334, 0.3303,
0.3276

 18.0830, 0.3520,
0.3254

241.3385, 0.3292,
0.3277

 11.0096, 0.3591,
0.3246

290.9247, 0.3282,
0.3278

 6.0733, 0.3694,
0.3233

346.8763, 0.3273,

 2.8897, 0.3856,

0.3279

0.3211

409.5778, 0.3265,
0.3280

■ 1.0744, 0.4145,
0.3165

■ 0.0000, 1.0000,
0.0000

■ 75.4356, 0.3370,
0.3270

■ 75.4356, 0.3370,
0.3270

■ 62.2625, 0.3598,
0.3255

■ 90.7768, 0.3188,
0.3285

■ 51.1503, 0.3882,
0.3239

■ 99.4314, 0.3108,
0.3290

■ 41.9976, 0.4228,
0.3225

■ 34.6910, 0.4638,
0.3215

■ 29.1048, 0.5097,
0.3211

■ 25.0982, 0.5563,
0.3217

■ 22.5079, 0.5973,
0.3235

■ 21.1349, 0.6257,
0.3262

■ 20.7249, 0.6357,
0.3276

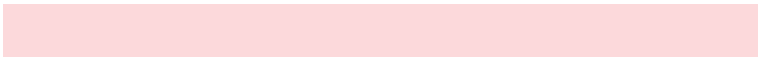
Harmonies

Analogous

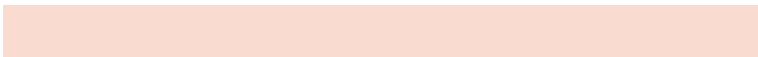
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4356, 0.3244, 0.3146



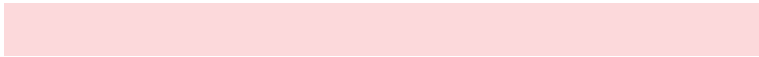
75.4356, 0.3370, 0.3270



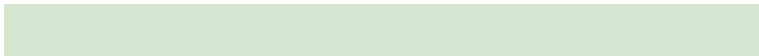
75.4356, 0.3430, 0.3402

Triad

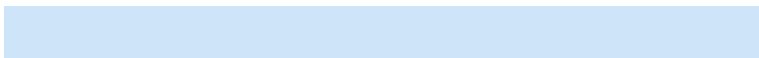
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4356, 0.3370, 0.3270



75.4356, 0.3160, 0.3536



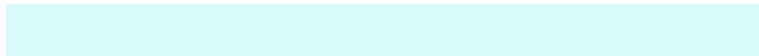
75.4356, 0.2855, 0.3068

Complementary

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



75.4356, 0.3370, 0.3270



91.2587, 0.2926, 0.3310

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.



75.4356, 0.2834, 0.3166



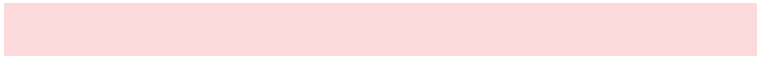
75.4356, 0.3370, 0.3270



75.4356, 0.3008, 0.3441

Square

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



75.4356, 0.3370, 0.3270



75.4356, 0.3306, 0.3560



75.4356, 0.2889, 0.3303



75.4356, 0.2947, 0.3030

Rectangle

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



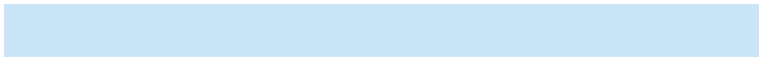
75.4356, 0.3370, 0.3270



75.4356, 0.3423, 0.3478



75.4356, 0.2889, 0.3303



75.4356, 0.2839, 0.3095

Sweetspot

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



75.4390, 0.3370, 0.3270



93.0605, 0.3190, 0.3284



76.9164, 0.3127, 0.2945



19.6483, 0.3202, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

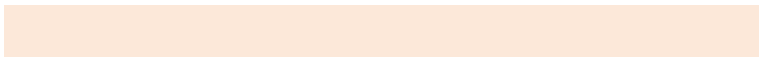
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4390, 0.3370, 0.3270



73.0361, 0.3436, 0.3265



83.5065, 0.3363, 0.3443



17.2416, 0.3285, 0.3277



10.8046, 0.6341, 0.3267



1.0063, 0.6199, 0.3188

Inverse Universe

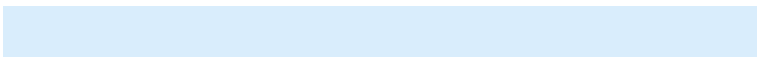
The Inverse Universe completely reimagines the original color for something new.



75.4390, 0.3370, 0.3270



73.0361, 0.3436, 0.3265



82.2472, 0.2910, 0.3132



17.2416, 0.3285, 0.3277



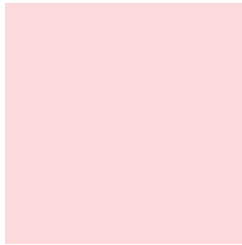
10.8046, 0.6341, 0.3267



1.0063, 0.6199, 0.3188

Previews

White Background



This preview shows how the Yxy color 75.4356, 0.3370, 0.3270 looks on a white background.

Color Contrast Check

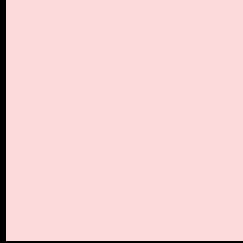
Large Text (above 18pt) WCAG AA × Fail

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 75.4356, 0.3370, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

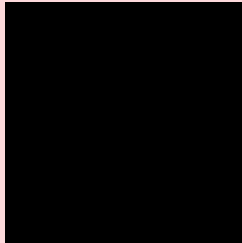
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

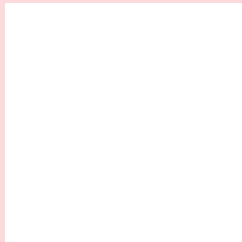
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4356, 0.3370, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 75.4356, 0.3370, 0.3270.



This preview shows how white text looks on a background with the Yxy color 75.4356, 0.3370, 0.3270.

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

75.4356, 0.3370, 0.3270

Protanopia

75.4620, 0.3176, 0.3301

Deuteranopia

75.5813, 0.3354, 0.3280



Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.4356, 0.3370, 0.3270

Protanomaly

75.1640, 0.3242, 0.3280

Deuteranomaly

75.7665, 0.3362, 0.3281

Tritanomaly

75.5404, 0.3322, 0.3180

Monochromacy



Original Color

75.4356, 0.3370, 0.3270

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7521, 0.3212, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4356, 0.3370, 0.3270 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(252, 217, 219)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 219)  
}
```

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(252, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.4356, 0.3370, 0.3270 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(252, 217, 219) }
```

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

```
.border{ border-color:rgb(252, 217, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4356, 0.3370, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 219) }
```

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

```
.background{ background-color: rgb(252,  
217, 219) }
```

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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