

Converting Colors

$Yxy(73.6249, 0.3413, 0.3266)$

Have a look what the booklet for
Yxy(73.6249, 0.3413, 0.3266)
contains.

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Color

Yxy(73.6172, 0.3413, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FED5D8
RGB	254, 213, 216
RGB Percent	100%, 84%, 85%
CMY	0.0038, 0.1647, 0.1528
CMYK	0.00, 0.16, 0.15, 0.00
HSL	356°, 95%, 92%
HSV	356°, 16%, 100%
XYZ	77.0722, 73.6172, 75.1302
YIQ	225.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

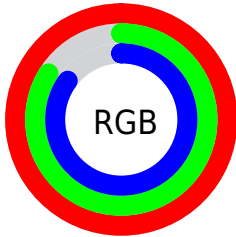
Format	Color
R _Y B	254, 213, 216
Decimal	16700888
CIE Lab	88.74, 14.78, 3.86
CIE LCh	89, 15.278, 14.620
Yxy	73.6172, 0.3413, 0.3260
Android (android.graphics.Color)	4294890968 (0xFF FED5D8)
YUV	225.6010, -4.7333, 24.9059
Hunter-Lab	85.8005, 10.1909, 8.1437

Details

The Yxy color **73.6172, 0.3413, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.0119, 0.2898, 0.3320**, and the grayscale version is **75.7771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8972, 0.3485, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **60.6959, 0.3649, 0.3240**, and if you desaturate by 10%, it is **88.7208, 0.3224, 0.3279**.

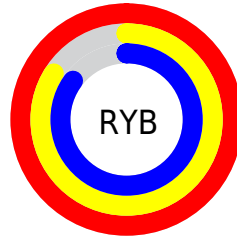
Distribution



Red (100%)

Green (84%)

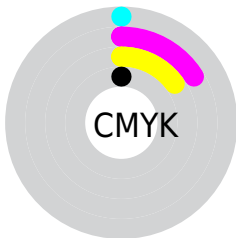
Blue (85%)



Red (100%)

Yellow (84%)

Blue (85%)

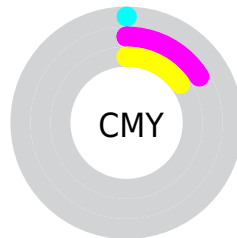


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6172, 0.3413, 0.3260 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 73.6172, 0.3413, 0.3260 by changing the saturation by 10% instead.

 73.6172, 0.3413,
0.3260

 73.6172, 0.3413,
0.3260


473.1511, 0.3280,
0.3275

 54.4808, 0.3443,
0.3256


124.3530, 0.3367,
0.3265

 38.9862, 0.3481,
0.3252

156.7212, 0.3349,
0.3268

 26.7490, 0.3529,
0.3245


194.2688, 0.3334,
0.3269

 17.3848, 0.3592,
0.3237

237.3801, 0.3320,
0.3271

 10.5092, 0.3678,
0.3224

286.4396, 0.3308,
0.3272

 5.7379, 0.3802,
0.3205

341.8317, 0.3298,

 2.6863, 0.3999,

0.3273

0.3172

403.9408, 0.3289,
0.3274

■ 0.9703, 0.4369,
0.3114

■ 0.0000, 1.0000,
0.0000

■ 73.6172, 0.3413,
0.3260

■ 73.6172, 0.3413,
0.3260

■ 60.6959, 0.3649,
0.3240

■ 88.7208, 0.3224,
0.3279

■ 49.8467, 0.3941,
0.3221

99.8163, 0.3121,
0.3290

■ 40.9646, 0.4296,
0.3203

■ 33.9319, 0.4713,
0.3191

■ 28.6179, 0.5172,
0.3187

■ 24.8750, 0.5629,
0.3197

■ 22.5307, 0.6020,
0.3222

■ 21.3714, 0.6279,
0.3257

■ 21.1226, 0.6342,
0.3268

Harmonies

Analogous

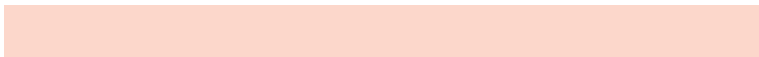
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6172, 0.3260, 0.3115



73.6172, 0.3413, 0.3260



73.6172, 0.3488, 0.3417

Triad

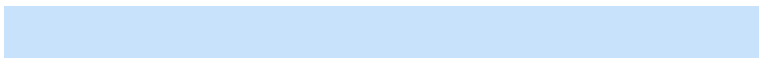
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6172, 0.3413, 0.3260



73.6172, 0.3172, 0.3587



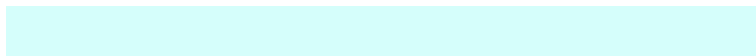
73.6172, 0.2801, 0.3028

Complementary

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



73.6172, 0.3413, 0.3260



92.0119, 0.2898, 0.3320

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.



73.6172, 0.2780, 0.3146



73.6172, 0.3413, 0.3260



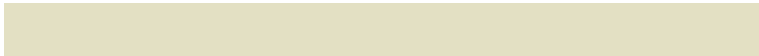
73.6172, 0.2990, 0.3475

Square

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



73.6172, 0.3413, 0.3260



73.6172, 0.3345, 0.3611



73.6172, 0.2848, 0.3311



73.6172, 0.2907, 0.2982

Rectangle

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



73.6172, 0.3413, 0.3260



73.6172, 0.3482, 0.3509



73.6172, 0.2848, 0.3311



73.6172, 0.2784, 0.3060

Sweetspot

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



73.6205, 0.3413, 0.3260



91.3959, 0.3205, 0.3281



75.1793, 0.3122, 0.2886



19.3136, 0.3217, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

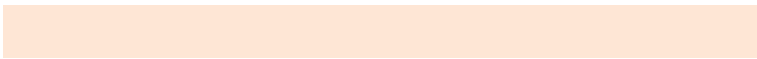
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6205, 0.3413, 0.3260



70.3276, 0.3475, 0.3254



82.5245, 0.3408, 0.3463



18.0089, 0.3283, 0.3273



11.1409, 0.6324, 0.3258



1.0920, 0.6156, 0.3165

Inverse Universe

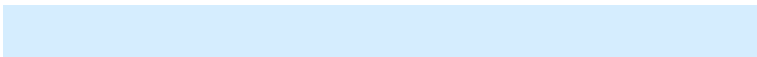
The Inverse Universe completely reimagines the original color for something new.



73.6205, 0.3413, 0.3260



70.3276, 0.3475, 0.3254



81.8309, 0.2874, 0.3111



18.0089, 0.3283, 0.3273



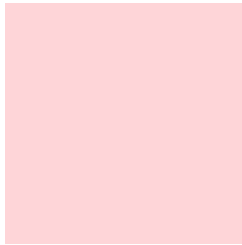
11.1409, 0.6324, 0.3258



1.0920, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 73.6172, 0.3413, 0.3260 looks on a white background.

Color Contrast Check

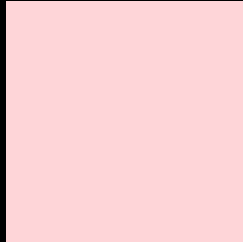
Large Text (above 18pt) WCAG AA × Fail

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 73.6172, 0.3413, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

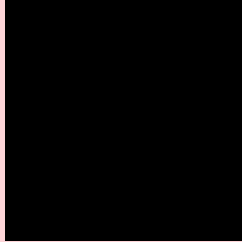
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6172, 0.3413, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 73.6172, 0.3413, 0.3260.

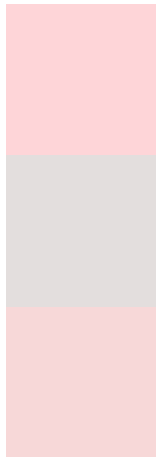


This preview shows how white text looks on a background with the Yxy color 73.6172, 0.3413, 0.3260.

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

73.6172, 0.3413, 0.3260

Protanopia

73.7939, 0.3169, 0.3301

Deuteranopia

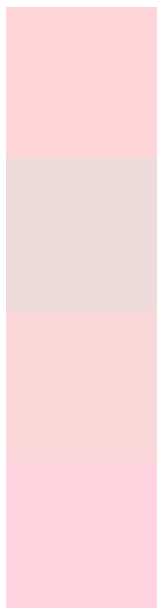
73.8438, 0.3356, 0.3291



Tritanopia

73.4500, 0.3336, 0.3120

Trichromacy



Original Color

73.6172, 0.3413, 0.3260

Protanomaly

73.7820, 0.3257, 0.3290

Deuteranomaly

73.8827, 0.3380, 0.3281

Tritanomaly

73.7288, 0.3364, 0.3170

Monochromacy



Original Color

73.6172, 0.3413, 0.3260

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.8197, 0.3228, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6172, 0.3413, 0.3260 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(254, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 216)  
}
```

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(254, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 73.6172, 0.3413, 0.3260 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(254, 213, 216) }
```

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

```
.border{ border-color:rgb(254, 213, 216) }
```

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

Here you see how a box with a 4 pixel rgb(254, 213, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6172, 0.3413, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 216) }
```

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

```
.background{ background-color: rgb(254,  
213, 216) }
```

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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