

Converting Colors

$Yxy(71.0937, 0.3417, 0.3393)$

Have a look what the booklet for
Yxy(71.0937, 0.3417, 0.3393)
contains.

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Color

Yxy(71.0028, 0.3417, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	F3D5CC
RGB	243, 213, 204
RGB Percent	95%, 84%, 80%
CMY	0.0471, 0.1647, 0.2001
CMYK	0.00, 0.12, 0.16, 0.05
HSL	14°, 62%, 88%
HSV	14°, 16%, 95%
XYZ	71.6529, 71.0028, 67.0396
YIQ	220.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

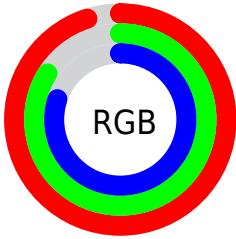
Format	Color
R _Y B	243, 216, 204
Decimal	15979980
CIE Lab	87.49, 9.00, 8.28
CIE LCh	87, 12.227, 42.619
Yxy	71.0028, 0.3417, 0.3386
Android (android.graphics.Color)	4294170060 (0xFFFF3D5CC)
YUV	220.9440, -8.3534, 19.3431
Hunter-Lab	84.2632, 4.3263, 11.8132

Details

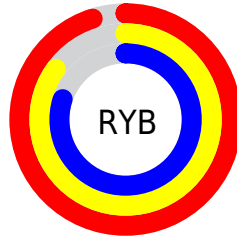
The Yxy color **71.0028, 0.3417, 0.3386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1326, 0.2880, 0.3192**, and the grayscale version is **72.3147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2205, 0.3492, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **61.0686, 0.3646, 0.3450**, and if you desaturate by 10%, it is **82.2072, 0.3226, 0.3325**.

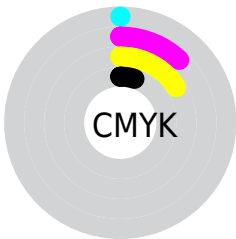
Distribution



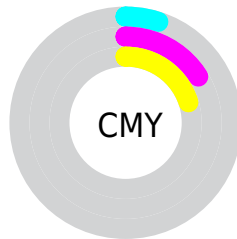
- Red (95%)
- Green (84%)
- Blue (80%)



- Red (95%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0028, 0.3417, 0.3386 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 71.0028, 0.3417, 0.3386 by changing the saturation by 10% instead.

 71.0028, 0.3417,
0.3386

 71.0028, 0.3417,
0.3386


464.0632, 0.3281,
0.3343

 52.3445, 0.3448,
0.3395


120.6377, 0.3370,
0.3371

 37.2797, 0.3487,
0.3407


152.3831, 0.3351,
0.3366

 25.4241, 0.3537,
0.3421


189.2596, 0.3336,
0.3361

 16.3933, 0.3602,
0.3440

231.6517, 0.3322,
0.3356

 9.8029, 0.3693,
0.3463

279.9437, 0.3310,
0.3352

 5.2685, 0.3825,
0.3496

334.5200, 0.3299,

 2.4056, 0.4035,

0.3349

0.3541

395.7651, 0.3290,
0.3346

0.8288, 0.4692,
0.3818

0.0000, 0.0000,
0.0000

71.0028, 0.3417,
0.3386

71.0028, 0.3417,
0.3386

61.0686, 0.3646,
0.3450

82.2072, 0.3226,
0.3325

52.3502, 0.3919,
0.3515

94.7149, 0.3068,
0.3268

44.8030, 0.4240,
0.3577

97.7947, 0.3054,
0.3290

38.3762, 0.4606,
0.3627

■ 33.0151, 0.5005,
0.3658

■ 28.6603, 0.5408,
0.3657

■ 25.2460, 0.5773,
0.3618

■ 22.6977, 0.6054,
0.3539

■ 21.9065, 0.6142,
0.3505

Harmonies

Analogous

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



71.0028, 0.3352, 0.3258



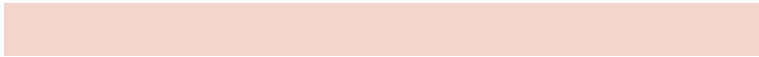
71.0028, 0.3417, 0.3386



71.0028, 0.3402, 0.3493

Triad

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



71.0028, 0.3417, 0.3386



71.0028, 0.3026, 0.3447



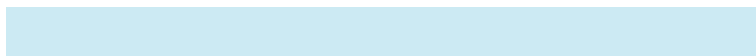
71.0028, 0.2941, 0.3040

Complementary

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



71.0028, 0.3417, 0.3386



78.1326, 0.2880, 0.3192

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.



71.0028, 0.2859, 0.3083



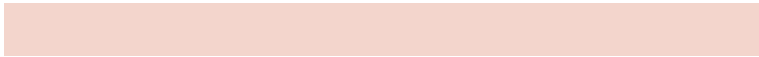
71.0028, 0.3417, 0.3386



71.0028, 0.2906, 0.3317

Square

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



71.0028, 0.3417, 0.3386



71.0028, 0.3174, 0.3533



71.0028, 0.2846, 0.3183



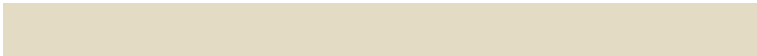
71.0028, 0.3075, 0.3061

Rectangle

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



71.0028, 0.3417, 0.3386



71.0028, 0.3349, 0.3537



71.0028, 0.2846, 0.3183



71.0028, 0.2907, 0.3047

Sweetspot

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



71.0060, 0.3417, 0.3386



93.1123, 0.3209, 0.3319



68.2012, 0.3206, 0.2975



19.7290, 0.3221, 0.3323



0.0000, 0.0000, 0.0000



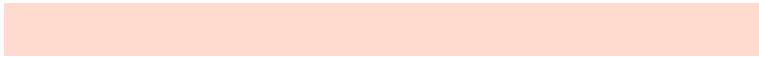
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0060, 0.3417, 0.3386



75.7633, 0.3481, 0.3405



81.0945, 0.3386, 0.3580



17.1048, 0.3288, 0.3345



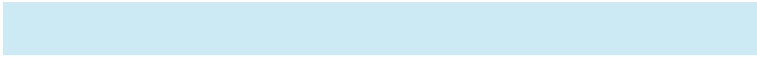
12.1918, 0.6117, 0.3525



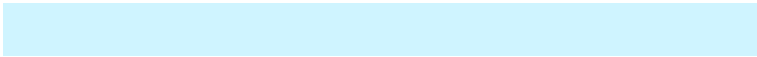
1.2219, 0.5879, 0.3714

Inverse Universe

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



78.1326, 0.2880, 0.3192



84.9936, 0.2834, 0.3172



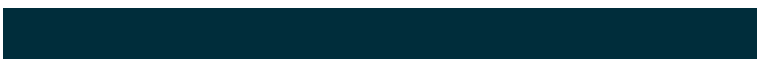
67.9230, 0.2871, 0.2982



18.0694, 0.2980, 0.3234



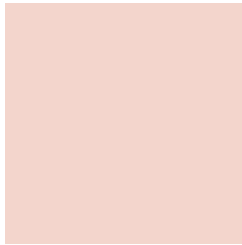
23.2164, 0.2035, 0.2525



2.1947, 0.2064, 0.2632

Previews

White Background



This preview shows how the Yxy color 71.0028, 0.3417, 0.3386 looks on a white background.

Color Contrast Check

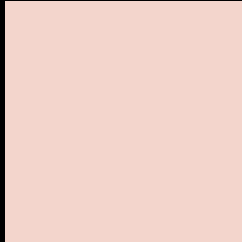
Large Text (above 18pt) WCAG AA × Fail

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 71.0028, 0.3417, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

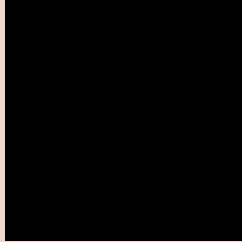
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

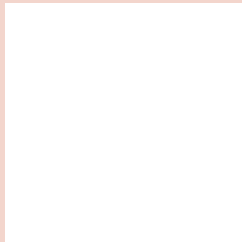
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0028, 0.3417, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 71.0028, 0.3417, 0.3386.

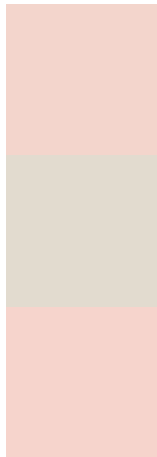


This preview shows how white text looks on a background with the Yxy color 71.0028, 0.3417, 0.3386.

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

71.0028, 0.3417, 0.3386

Protanopia

71.3368, 0.3259, 0.3421

Deuteranopia

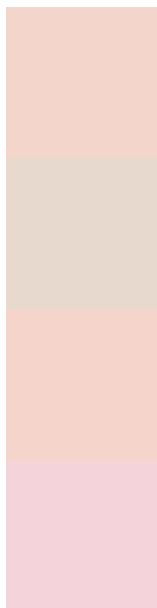
71.0394, 0.3442, 0.3375



Tritanopia

71.1770, 0.3284, 0.3126

Trichromacy



Original Color

71.0028, 0.3417, 0.3386

Protanomaly

71.2377, 0.3313, 0.3409

Deuteranomaly

70.8591, 0.3434, 0.3375

Tritanomaly

71.0630, 0.3333, 0.3218

Monochromacy



Original Color

71.0028, 0.3417, 0.3386

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7071, 0.3227, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0028, 0.3417, 0.3386 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(243, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 204)  
}
```

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(243, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.0028, 0.3417, 0.3386 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(243, 213, 204) }
```

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

```
.border{ border-color:rgb(243, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 213, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 213, 204); box-shadow:4px 4px 4px 4px rgb(243, 213, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0028, 0.3417, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 204) }
```

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

```
.background{ background-color: rgb(243,  
213, 204) }
```

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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