

Converting Colors

Yxy(70.8687, 0.3324, 0.3194)

Have a look what the booklet for
Yxy(70.8687, 0.3324, 0.3194)
contains.

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Color

Yxy(70.6730, 0.3320, 0.3187)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5D2DC |
| RGB | 245, 210, 220 |
| RGB Percent | 96%, 82%, 86% |
| CMY | 0.0392, 0.1765, 0.1373 |
| CMYK | 0.00, 0.14, 0.10, 0.04 |
| HSL | 343°, 64%, 89% |
| HSV | 343°, 14%, 96% |
| XYZ | 73.6223, 70.6730, 77.4587 |
| YIQ | 221.6050, 17.6500, 10.5300 |

Conversions

Conversions Part 2

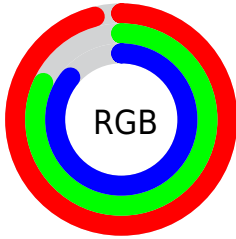
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 210, 220 |
| Decimal | 16110300 |
| CIE Lab | 87.33, 13.82, -0.39 |
| CIE LCh | 87, 13.827, 358.380 |
| Yxy | 70.6730, 0.3320, 0.3187 |
| Android (android.graphics.Color) | 4294300380 (0xFFF5D2DC) |
| YUV | 221.6050, -0.7913, 20.5174 |
| Hunter-Lab | 84.0672, 9.2047, 4.2179 |

Details

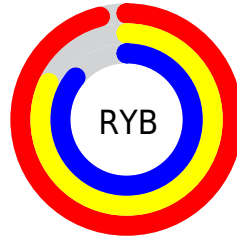
The Yxy color $70.6730, 0.3320, 0.3187$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.0150, 0.2965, 0.3396$, and the grayscale version is $72.7524, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.8507, 0.3362, 0.3157$ is the 20% darker color. If you saturate the color by 10%, you get $58.6096, 0.3493, 0.3110$, and if you desaturate by 10%, it is $84.6920, 0.3179, 0.3260$.

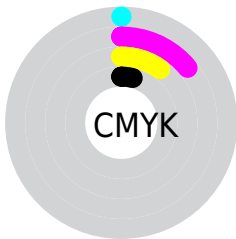
Distribution



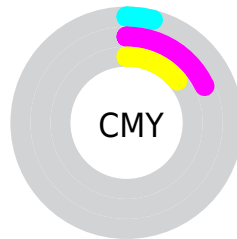
- Red (96%)
- Green (82%)
- Blue (86%)



- Red (96%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6730, 0.3320, 0.3187 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 70.6730, 0.3320, 0.3187 by changing the saturation by 10% instead.


 70.6730, 0.3320,
0.3187

 70.6730, 0.3320,
0.3187


462.9095, 0.3230,
0.3235

 52.0754, 0.3341,
0.3176


120.1680, 0.3289,
0.3204

 37.0652, 0.3366,
0.3162


151.8342, 0.3277,
0.3210

 25.2580, 0.3399,
0.3145


188.6253, 0.3266,
0.3216

 16.2693, 0.3442,
0.3122

230.9258, 0.3257,
0.3221

 9.7149, 0.3500,
0.3091

279.1201, 0.3249,
0.3225

 5.2104, 0.3586,
0.3046

333.5926, 0.3242,

 2.3712, 0.3723,

0.3229

0.2973

394.7276, 0.3236,
0.3232

0.8110, 0.3978,
0.2837

0.0000, 1.0000,
0.0000

70.6730, 0.3320,
0.3187

70.6730, 0.3320,
0.3187

58.6096, 0.3493,
0.3110

84.6920, 0.3179,
0.3260

48.4055, 0.3705,
0.3032

98.1549, 0.3066,
0.3290

39.9702, 0.3961,
0.2957

33.2021, 0.4264,
0.2892

■ 27.9889, 0.4610,
0.2848

■ 24.2045, 0.4983,
0.2836

■ 21.7028, 0.5356,
0.2867

■ 20.3057, 0.5692,
0.2944

■ 19.8551, 0.5857,
0.3000

Harmonies

Analogous

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



70.6730, 0.3158, 0.3072



70.6730, 0.3320, 0.3187



70.6730, 0.3431, 0.3330

Triad

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



70.6730, 0.3320, 0.3187



70.6730, 0.3258, 0.3585



70.6730, 0.2806, 0.3102

Complementary

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



70.6730, 0.3320, 0.3187



85.0150, 0.2965, 0.3396

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.



70.6730, 0.2832, 0.3238



70.6730, 0.3320, 0.3187



70.6730, 0.3090, 0.3523

Square

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



70.6730, 0.3320, 0.3187



70.6730, 0.3394, 0.3562



70.6730, 0.2935, 0.3394



70.6730, 0.2864, 0.3021

Rectangle

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



70.6730, 0.3320, 0.3187



70.6730, 0.3460, 0.3424



70.6730, 0.2935, 0.3394



70.6730, 0.2806, 0.3142

Sweetspot

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



70.6761, 0.3320, 0.3187



93.2030, 0.3176, 0.3262



70.2671, 0.3068, 0.2928



19.6843, 0.3185, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

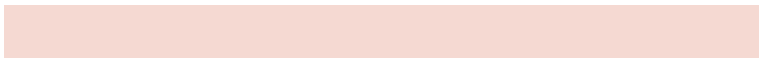
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6761, 0.3320, 0.3187



73.5544, 0.3364, 0.3166



73.6966, 0.3382, 0.3364



16.5602, 0.3249, 0.3223



10.7155, 0.5816, 0.2978



0.9587, 0.5462, 0.2783

Inverse Universe

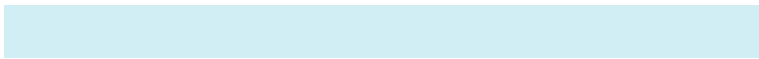
The Inverse Universe completely reimagines the original color for something new.



70.6761, 0.3320, 0.3187



73.5544, 0.3364, 0.3166



81.4512, 0.2907, 0.3215



16.5602, 0.3249, 0.3223



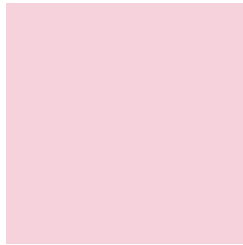
10.7155, 0.5816, 0.2978



0.9587, 0.5462, 0.2783

Previews

White Background



This preview shows how the Yxy color 70.6730, 0.3320, 0.3187 looks on a white background.

Color Contrast Check

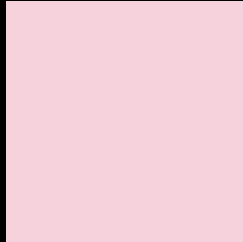
Large Text (above 18pt) WCAG AA × Fail

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 70.6730, 0.3320, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

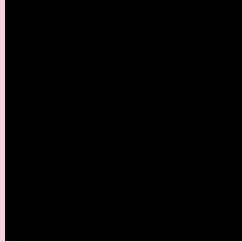
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6730, 0.3320, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 70.6730, 0.3320, 0.3187.



This preview shows how white text looks on a background with the Yxy color 70.6730, 0.3320, 0.3187.

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

70.6730, 0.3320, 0.3187

Protanopia

70.9512, 0.3102, 0.3214

Deuteranopia

70.7795, 0.3280, 0.3207



Tritanopia

70.6300, 0.3292, 0.3126

Trichromacy



Original Color

70.6730, 0.3320, 0.3187

Protanomaly

70.7516, 0.3182, 0.3205

Deuteranomaly

70.6331, 0.3296, 0.3197

Tritanomaly

70.5215, 0.3307, 0.3146

Monochromacy



Original Color

70.6730, 0.3320, 0.3187

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1863, 0.3194, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6730, 0.3320, 0.3187 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(245, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 220)  
}
```

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(245, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 220) }
```

Border

The CSS property to change the border of an element to Yxy 70.6730, 0.3320, 0.3187 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(245, 210, 220) }
```

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

```
.border{ border-color:rgb(245, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 210, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 210, 220); box-shadow:4px 4px 4px 4px rgb(245, 210, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6730, 0.3320, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 220) }
```

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

```
.background{ background-color: rgb(245,  
210, 220) }
```

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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