

Converting Colors

$Yxy(71.7487, 0.3227, 0.3149)$

Have a look what the booklet for
Yxy(71.7487, 0.3227, 0.3149)
contains.

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Color

Yxy(71.6598, 0.3230, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	F0D5E3
RGB	240, 213, 227
RGB Percent	94%, 84%, 89%
CMY	0.0587, 0.1647, 0.1100
CMYK	0.00, 0.11, 0.05, 0.06
HSL	329°, 47%, 89%
HSV	329°, 11%, 94%
XYZ	73.5966, 71.6598, 82.5967
YIQ	222.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

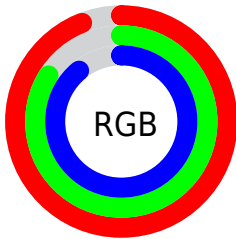
Format	Color
R _Y B	240, 213, 227
Decimal	15783395
CIE Lab	87.80, 11.70, -3.43
CIE LCh	88, 12.196, 343.670
Yxy	71.6598, 0.3230, 0.3145
Android (android.graphics.Color)	4293973475 (0xFFFF0D5E3)
YUV	222.6690, 2.1352, 15.1993
Hunter-Lab	84.6521, 7.0467, 1.4060

Details

The Yxy color **71.6598, 0.3230, 0.3145** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9769, 0.3035, 0.3440**, and the grayscale version is **73.5257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6226, 0.3252, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **59.8492, 0.3341, 0.3009**, and if you desaturate by 10%, it is **85.3069, 0.3138, 0.3274**.

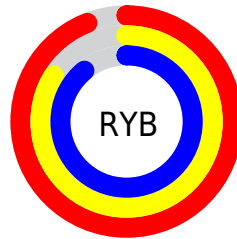
Distribution



Red (94%)

Green (84%)

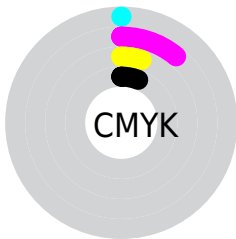
Blue (89%)



Red (94%)

Yellow (84%)

Blue (89%)

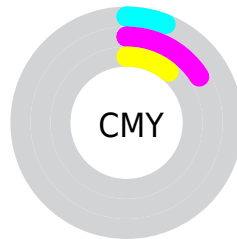


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (6%)



Cyan (6%)

Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6598, 0.3230, 0.3145 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 71.6598, 0.3230, 0.3145 by changing the saturation by 10% instead.


 71.6598, 0.3230,
0.3145

 71.6598, 0.3230,
0.3145


466.3566, 0.3183,
0.3212

 52.8808, 0.3241,
0.3130


121.5727, 0.3214,
0.3168

 37.7076, 0.3254,
0.3111

153.4755, 0.3207,
0.3177

 25.7559, 0.3271,
0.3088


190.5216, 0.3202,
0.3185

 16.6411, 0.3293,
0.3057

233.0955, 0.3197,
0.3191

 9.9789, 0.3323,
0.3016

281.5815, 0.3193,
0.3197

 5.3850, 0.3366,
0.2956

336.3641, 0.3189,

 2.4749, 0.3433,

0.3203

0.2865

397.8277, 0.3186,
0.3207

0.8640, 0.3553,
0.2703

0.0000, 1.0000,
0.0000

71.6598, 0.3230,
0.3145

71.6598, 0.3230,
0.3145

59.8492, 0.3341,
0.3009

85.3069, 0.3138,
0.3274

49.7865, 0.3474,
0.2870

96.9627, 0.3063,
0.3337

41.3901, 0.3632,
0.2733

97.2700, 0.3036,
0.3290

34.5678, 0.3815,
0.2606

■ 29.2189, 0.4022,
0.2499

■ 25.2302, 0.4248,
0.2426

■ 22.4724, 0.4486,
0.2398

■ 20.7904, 0.4723,
0.2423

■ 19.9848, 0.4923,
0.2486

Harmonies

Analogous

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



71.6598, 0.3080, 0.3065



71.6598, 0.3230, 0.3145



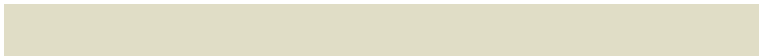
71.6598, 0.3354, 0.3263

Triad

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



71.6598, 0.3230, 0.3145



71.6598, 0.3307, 0.3548



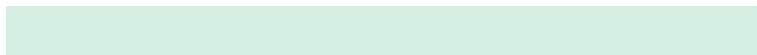
71.6598, 0.2847, 0.3179

Complementary

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



71.6598, 0.3230, 0.3145



81.9769, 0.3035, 0.3440

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.



71.6598, 0.2904, 0.3312



71.6598, 0.3230, 0.3145



71.6598, 0.3169, 0.3529

Square

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



71.6598, 0.3230, 0.3145



71.6598, 0.3399, 0.3495



71.6598, 0.3021, 0.3442



71.6598, 0.2862, 0.3081

Rectangle

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



71.6598, 0.3230, 0.3145



71.6598, 0.3404, 0.3348



71.6598, 0.3021, 0.3442



71.6598, 0.2858, 0.3221

Sweetspot

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



71.6629, 0.3230, 0.3145



94.9799, 0.3153, 0.3252



70.0610, 0.3041, 0.3004



20.0496, 0.3160, 0.3242



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.



71.6629, 0.3230, 0.3145



78.2375, 0.3259, 0.3108



70.9461, 0.3326, 0.3286



15.8952, 0.3212, 0.3169



10.9643, 0.4888, 0.2466



0.9322, 0.4607, 0.2311

Inverse Universe

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



71.6629, 0.3230, 0.3145



78.2375, 0.3259, 0.3108



82.7484, 0.2957, 0.3294



15.8952, 0.3212, 0.3169



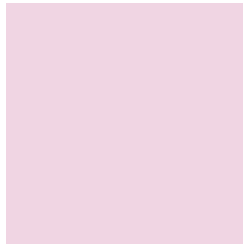
10.9643, 0.4888, 0.2466



0.9322, 0.4607, 0.2311

Previews

White Background



This preview shows how the Yxy color 71.6598, 0.3230, 0.3145 looks on a white background.

Color Contrast Check

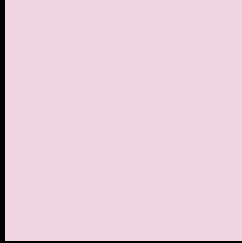
Large Text (above 18pt) WCAG AA × Fail

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 71.6598, 0.3230, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

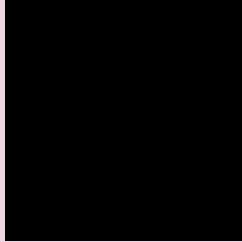
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6598, 0.3230, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 71.6598, 0.3230, 0.3145.

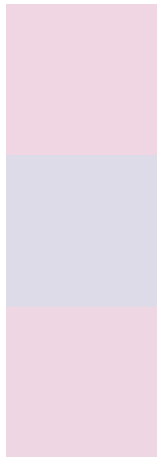


This preview shows how white text looks on a background with the Yxy color 71.6598, 0.3230, 0.3145.

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

71.6598, 0.3230, 0.3145

Protanopia

71.8047, 0.3063, 0.3161

Deuteranopia

71.9899, 0.3221, 0.3155



Tritanopia

71.7709, 0.3216, 0.3124

Trichromacy



Original Color

71.6598, 0.3230, 0.3145

Protanomaly

71.8329, 0.3119, 0.3152

Deuteranomaly

71.9899, 0.3221, 0.3155

Tritanomaly

71.7152, 0.3223, 0.3134

Monochromacy



Original Color

71.6598, 0.3230, 0.3145

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7029, 0.3165, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6598, 0.3230, 0.3145 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(240, 213, 227)` looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 227)  
}
```

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(240, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.6598, 0.3230, 0.3145 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(240, 213, 227) }
```

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

```
.border{ border-color:rgb(240, 213, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 213, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(240, 213,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6598, 0.3230, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 227) }
```

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

```
.background{ background-color: rgb(240,  
213, 227) }
```

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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