

Converting Colors

$Yxy(69.5914, 0.3229, 0.3076)$

Have a look what the booklet for
Yxy(69.5914, 0.3229, 0.3076)
contains.

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Color

Yxy(69.4697, 0.3227, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	F1D0E5
RGB	241, 208, 229
RGB Percent	95%, 82%, 90%
CMY	0.0549, 0.1843, 0.1019
CMYK	0.00, 0.14, 0.05, 0.05
HSL	322°, 54%, 88%
HSV	322°, 14%, 95%
XYZ	72.9748, 69.4697, 83.6938
YIQ	220.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

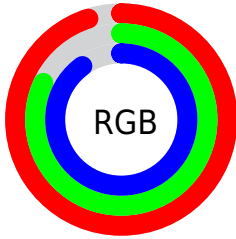
Format	Color
R _Y B	241, 208, 229
Decimal	15847653
CIE Lab	86.74, 15.01, -6.08
CIE LCh	87, 16.196, 337.968
Yxy	69.4697, 0.3227, 0.3072
Android (android.graphics.Color)	4294037733 (0xFFFF1D0E5)
YUV	220.2610, 4.3083, 18.1881
Hunter-Lab	83.3485, 10.4239, -1.1917

Details

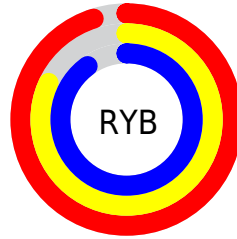
The Yxy color $69.4697, 0.3227, 0.3072$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.4897, 0.3039, 0.3518$, and the grayscale version is $71.7266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.4815, 0.3248, 0.3022$ is the 20% darker color. If you saturate the color by 10%, you get $58.1227, 0.3316, 0.2905$, and if you desaturate by 10%, it is $82.6330, 0.3152, 0.3233$.

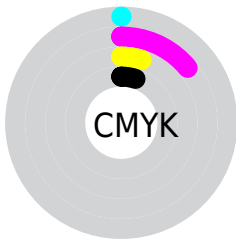
Distribution



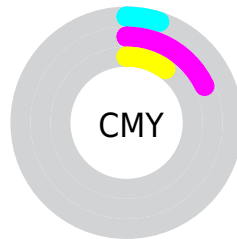
- Red (95%)
- Green (82%)
- Blue (90%)



- Red (95%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4697, 0.3227, 0.3072 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 69.4697, 0.3227, 0.3072 by changing the saturation by 10% instead.

 69.4697, 0.3227,
0.3072

 69.4697, 0.3227,
0.3072

458.6858, 0.3181,
0.3172

 51.0943, 0.3237,
0.3049


118.4522, 0.3211,
0.3107

 36.2837, 0.3250,
0.3022


149.8281, 0.3205,
0.3120

 24.6534, 0.3266,
0.2986


186.3063, 0.3200,
0.3132

 15.8190, 0.3287,
0.2941

228.2713, 0.3195,
0.3142

 9.3962, 0.3315,
0.2879

276.1073, 0.3191,
0.3151

 5.0005, 0.3355,
0.2791

330.1988, 0.3187,

 2.2475, 0.3417,

0.3159

0.2655

390.9302, 0.3184,
0.3166

0.7457, 0.3533,
0.2401

0.0000, 0.4241,
0.0000

69.4697, 0.3227,
0.3072

69.4697, 0.3227,
0.3072

58.1227, 0.3316,
0.2905

82.6330, 0.3152,
0.3233

48.5023, 0.3421,
0.2736

96.9075, 0.3089,
0.3373

40.5246, 0.3542,
0.2573

97.4411, 0.3041,
0.3290

34.0953, 0.3678,
0.2423

■ 29.1103, 0.3829,
0.2298

■ 25.4526, 0.3989,
0.2210

■ 22.9869, 0.4154,
0.2168

■ 21.5484, 0.4317,
0.2179

■ 21.0134, 0.4417,
0.2207

Harmonies

Analogous

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



69.4697, 0.3026, 0.2978



69.4697, 0.3227, 0.3072



69.4697, 0.3405, 0.3220

Triad

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



69.4697, 0.3227, 0.3072



69.4697, 0.3398, 0.3630



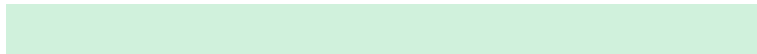
69.4697, 0.2761, 0.3171

Complementary

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



69.4697, 0.3227, 0.3072



81.4897, 0.3039, 0.3518

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.



69.4697, 0.2854, 0.3354



69.4697, 0.3227, 0.3072



69.4697, 0.3219, 0.3626

Square

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



69.4697, 0.3227, 0.3072



69.4697, 0.3505, 0.3540



69.4697, 0.3020, 0.3524



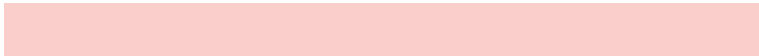
69.4697, 0.2762, 0.3029

Rectangle

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



69.4697, 0.3227, 0.3072



69.4697, 0.3485, 0.3333



69.4697, 0.3020, 0.3524



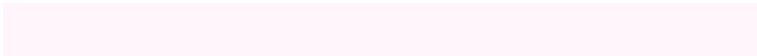
69.4697, 0.2782, 0.3230

Sweetspot

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



69.4727, 0.3227, 0.3072



93.4273, 0.3154, 0.3228



66.6114, 0.2988, 0.2935



19.7410, 0.3159, 0.3216



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.



69.4727, 0.3227, 0.3072



75.7555, 0.3247, 0.3033



68.6171, 0.3343, 0.3238



15.9282, 0.3194, 0.3141



11.4217, 0.4392, 0.2193



0.9692, 0.4195, 0.2085

Inverse Universe

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



69.4727, 0.3227, 0.3072



75.7555, 0.3247, 0.3033



82.3815, 0.2946, 0.3342



15.9282, 0.3194, 0.3141



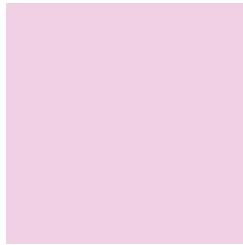
11.4217, 0.4392, 0.2193



0.9692, 0.4195, 0.2085

Previews

White Background



This preview shows how the Yxy color 69.4697, 0.3227, 0.3072 looks on a white background.

Color Contrast Check

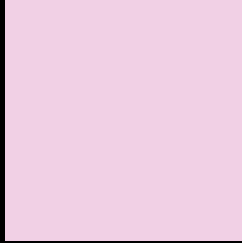
Large Text (above 18pt) WCAG AA × Fail

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 69.4697, 0.3227, 0.3072 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 69.4697, 0.3227, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 69.4697, 0.3227, 0.3072.



This preview shows how white text looks on a background with the Yxy color 69.4697, 0.3227, 0.3072.

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

69.4697, 0.3227, 0.3072

Protanopia

69.6512, 0.3009, 0.3094

Deuteranopia

69.5136, 0.3172, 0.3110



Tritanopia

69.5624, 0.3247, 0.3123

Trichromacy



Original Color

69.4697, 0.3227, 0.3072

Protanomaly

69.4222, 0.3086, 0.3087

Deuteranomaly

69.5275, 0.3195, 0.3101

Tritanomaly

69.6172, 0.3240, 0.3113

Monochromacy



Original Color

69.4697, 0.3227, 0.3072

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9334, 0.3167, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4697, 0.3227, 0.3072 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(241, 208, 229)` looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 229)  
}
```

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(241, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 229) }
```

Border

The CSS property to change the border of an element to Yxy 69.4697, 0.3227, 0.3072 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(241, 208, 229) }
```

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

```
.border{ border-color:rgb(241, 208, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 208, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 208, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 208, 229);  
box-shadow:4px 4px 4px 4px rgb(241, 208,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4697, 0.3227, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 229) }
```

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

```
.background{ background-color: rgb(241,  
208, 229) }
```

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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