

Converting Colors

$Y_{xy}(100.0000, 0.4036, 0.3045)$

Have a look what the booklet for
Yxy(100.0000, 0.4036, 0.3045)
contains.

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Color

Yxy(72.7226, 0.3246, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0F1
RGB	255, 208, 241
RGB Percent	100%, 82%, 95%
CMY	0.0000, 0.1843, 0.0550
CMYK	0.00, 0.18, 0.05, 0.00
HSL	318°, 100%, 91%
HSV	318°, 18%, 100%
XYZ	79.6684, 72.7226, 93.0447
YIQ	225.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

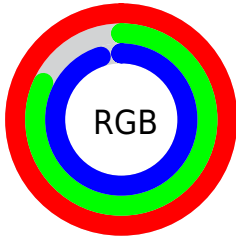
Format	Color
R_{YB}	255, 208, 241
Decimal	16765169
CIE _{Lab}	88.32, 21.80, -9.94
CIE _{LCh}	88, 23.955, 335.494
Yxy	72.7226, 0.3246, 0.2963
Android (android.graphics.Color)	4294955249 (0xFFFFD0F1)
YUV	225.8150, 7.4862, 25.5952
Hunter-Lab	85.2775, 17.5235, -4.9959

Details

The Yxy color $72.7226, 0.3246, 0.2963$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.2009, 0.3026, 0.3641$, and the grayscale version is $75.8493, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2910, 0.3273, 0.2885$ is the 20% darker color. If you saturate the color by 10%, you get $60.8297, 0.3327, 0.2778$, and if you desaturate by 10%, it is $86.6397, 0.3177, 0.3144$.

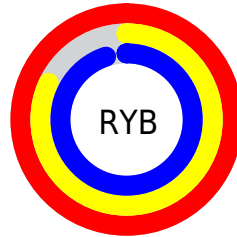
Distribution



Red (100%)

Green (82%)

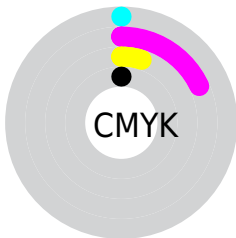
Blue (95%)



Red (100%)

Yellow (82%)

Blue (95%)

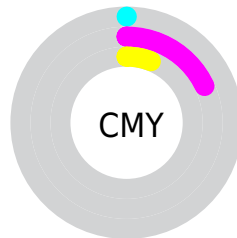


Cyan (0%)

Magenta (18%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7226, 0.3246, 0.2963 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 72.7226, 0.3246, 0.2963 by changing the saturation by 10% instead.


 72.7226, 0.3246,
0.2963

 72.7226, 0.3246,
0.2963

470.0528, 0.3193,
0.3110

 53.7492, 0.3258,
0.2930


123.0833, 0.3228,
0.3013

 38.4012, 0.3272,
0.2890


155.2394, 0.3221,
0.3033

 26.2942, 0.3290,
0.2841


192.5585, 0.3215,
0.3050

 17.0439, 0.3312,
0.2777

235.4250, 0.3209,
0.3065

 10.2658, 0.3342,
0.2692

284.2233, 0.3204,
0.3078

 5.5755, 0.3383,
0.2574

339.3377, 0.3200,

 2.5887, 0.3443,

0.3090

0.2398

401.1528, 0.3196,
0.3101

0.9210, 0.3537,
0.2111

0.0000, 0.4192,
0.0000

72.7226, 0.3246,
0.2963

72.7226, 0.3246,
0.2963

60.8297, 0.3327,
0.2778

86.6397, 0.3177,
0.3144

50.8558, 0.3419,
0.2596

99.9984, 0.3127,
0.3290

42.7008, 0.3524,
0.2423

36.2516, 0.3639,
0.2271

■ 31.3822, 0.3763,
0.2150

■ 27.9494, 0.3891,
0.2071

■ 25.7837, 0.4018,
0.2042

■ 24.6478, 0.4142,
0.2061

■ 24.5119, 0.4161,
0.2066

Harmonies

Analogous

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



72.7226, 0.2955, 0.2837



72.7226, 0.3246, 0.2963



72.7226, 0.3515, 0.3167

Triad

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



72.7226, 0.3246, 0.2963



72.7226, 0.3537, 0.3778



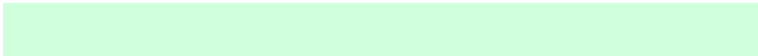
72.7226, 0.2605, 0.3131

Complementary

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



72.7226, 0.3246, 0.2963



90.2009, 0.3026, 0.3641

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.



72.7226, 0.2747, 0.3404



72.7226, 0.3246, 0.2963



72.7226, 0.3281, 0.3793

Square

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



72.7226, 0.3246, 0.2963



72.7226, 0.3685, 0.3631



72.7226, 0.2992, 0.3654



72.7226, 0.2596, 0.2921

Rectangle

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



72.7226, 0.3246, 0.2963



72.7226, 0.3640, 0.3326



72.7226, 0.2992, 0.3654



72.7226, 0.2639, 0.3219

Sweetspot

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



72.7258, 0.3246, 0.2963



90.3334, 0.3162, 0.3187



67.7597, 0.2911, 0.2797



19.1198, 0.3166, 0.3175



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.



72.7258, 0.3246, 0.2963



68.2501, 0.3273, 0.2897



71.4477, 0.3412, 0.3188



18.2027, 0.3184, 0.3125



12.8366, 0.4142, 0.2055



1.2691, 0.4009, 0.1982

Inverse Universe

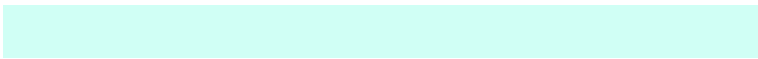
The Inverse Universe completely reimagines the original color for something new.



72.7258, 0.3246, 0.2963



68.2501, 0.3273, 0.2897



91.5072, 0.2903, 0.3395



18.2027, 0.3184, 0.3125



12.8366, 0.4142, 0.2055



1.2691, 0.4009, 0.1982

Previews

White Background



This preview shows how the Yxy color 72.7226, 0.3246, 0.2963 looks on a white background.

Color Contrast Check

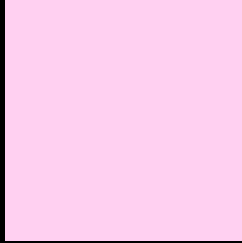
Large Text (above 18pt) WCAG AA × Fail

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 72.7226, 0.3246, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

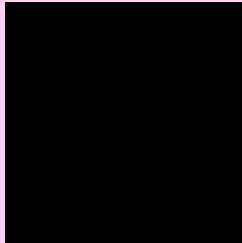
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7226, 0.3246, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 72.7226, 0.3246, 0.2963.



This preview shows how white text looks on a background with the Yxy color 72.7226, 0.3246, 0.2963.

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

72.7226, 0.3246, 0.2963

Protanopia

72.9314, 0.2929, 0.2983

Deuteranopia

73.0652, 0.3103, 0.3042



Tritanopia

72.5219, 0.3329, 0.3119

Trichromacy



Original Color

72.7226, 0.3246, 0.2963

Protanomaly

72.7545, 0.3036, 0.2979

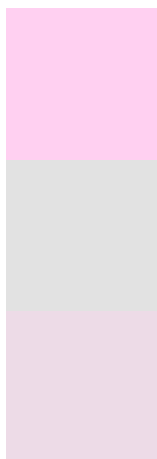
Deuteranomaly

72.7570, 0.3155, 0.3014

Tritanomaly

72.4980, 0.3302, 0.3060

Monochromacy



Original Color

72.7226, 0.3246, 0.2963

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.4371, 0.3176, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7226, 0.3246, 0.2963 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(255, 208, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 241)  
}
```

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(255, 208, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 241) }
```

Border

The CSS property to change the border of an element to Yxy 72.7226, 0.3246, 0.2963 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(255, 208, 241) }
```

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

```
.border{ border-color:rgb(255, 208, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
241) }
```


Background

The CSS property to change the background color of an element to `rgb(72.7226, 0.3246, 0.2963)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 241) }
```

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

```
.background{ background-color: rgb(255,  
208, 241) }
```

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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