

Converting Colors

$Y_{xy}(73.0659, 0.3344, 0.3122)$

Have a look what the booklet for
Yxy(73.0659, 0.3344, 0.3122)
contains.

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Color

Yxy(72.8992, 0.3344, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E3
RGB	255, 210, 227
RGB Percent	100%, 82%, 89%
CMY	0.0002, 0.1763, 0.1098
CMYK	0.00, 0.18, 0.11, 0.00
HSL	337°, 100%, 91%
HSV	337°, 18%, 100%
XYZ	78.1330, 72.8992, 82.6191
YIQ	225.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

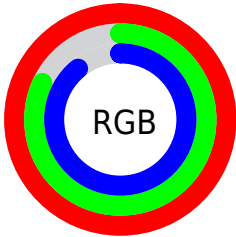
Format	Color
R _Y B	255, 210, 227
Decimal	16765667
CIE Lab	88.40, 18.39, -2.42
CIE LCh	88, 18.544, 352.503
Yxy	72.8992, 0.3344, 0.3120
Android (android.graphics.Color)	4294955747 (0xFFFFD2E3)
YUV	225.3930, 0.7923, 25.9653
Hunter-Lab	85.3810, 13.9302, 2.3947

Details

The Yxy color **72.8992, 0.3344, 0.3120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.3574, 0.2951, 0.3467**, and the grayscale version is **75.5733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4270, 0.3394, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **60.4625, 0.3505, 0.3017**, and if you desaturate by 10%, it is **87.4284, 0.3212, 0.3219**.

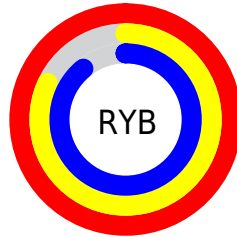
Distribution



Red (100%)

Green (82%)

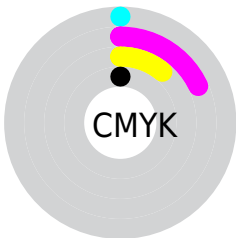
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

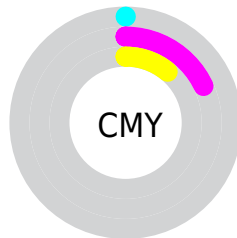


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8992, 0.3344, 0.3120 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 72.8992, 0.3344, 0.3120 by changing the saturation by 10% instead.


 72.8992, 0.3344,
0.3120

 72.8992, 0.3344,
0.3120


470.6654, 0.3244,
0.3198

 53.8935, 0.3367,
0.3102


123.3341, 0.3309,
0.3147

 38.5166, 0.3395,
0.3081


155.5321, 0.3296,
0.3157

 26.3838, 0.3430,
0.3053


192.8964, 0.3284,
0.3166

 17.1110, 0.3477,
0.3018

235.8113, 0.3274,
0.3174

 10.3137, 0.3540,
0.2970

284.6613, 0.3265,
0.3181

 5.6074, 0.3631,
0.2901

339.8307, 0.3257,

 2.6079, 0.3773,

0.3187

0.2795

401.7039, 0.3250,
0.3193

0.9306, 0.4025,
0.2612

0.0000, 1.0000,
0.0000

72.8992, 0.3344,
0.3120

72.8992, 0.3344,
0.3120

60.4625, 0.3505,
0.3017

87.4284, 0.3212,
0.3219

50.0115, 0.3700,
0.2914

99.9879, 0.3127,
0.3290

41.4450, 0.3933,
0.2817

34.6486, 0.4203,
0.2735

■ 29.4955, 0.4507,
0.2680

■ 25.8417, 0.4831,
0.2665

■ 23.5178, 0.5154,
0.2701

■ 22.3015, 0.5450,
0.2789

■ 22.0978, 0.5517,
0.2813

Harmonies

Analogous

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



72.8992, 0.3121, 0.2982



72.8992, 0.3344, 0.3120



72.8992, 0.3511, 0.3302

Triad

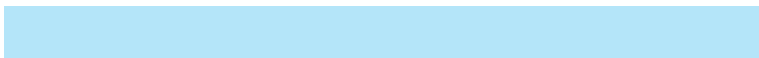
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8992, 0.3344, 0.3120



72.8992, 0.3340, 0.3686



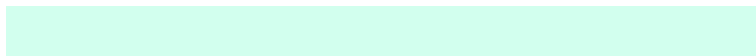
72.8992, 0.2702, 0.3068

Complementary

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



72.8992, 0.3344, 0.3120



91.3574, 0.2951, 0.3467

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.



72.8992, 0.2757, 0.3259



72.8992, 0.3344, 0.3120



72.8992, 0.3120, 0.3627

Square

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



72.8992, 0.3344, 0.3120



72.8992, 0.3507, 0.3631



72.8992, 0.2908, 0.3467



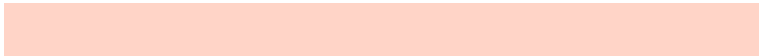
72.8992, 0.2756, 0.2947

Rectangle

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



72.8992, 0.3344, 0.3120



72.8992, 0.3565, 0.3429



72.8992, 0.2908, 0.3467



72.8992, 0.2709, 0.3126

Sweetspot

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



72.9025, 0.3344, 0.3120



91.6326, 0.3181, 0.3244



71.4540, 0.3026, 0.2835



19.3709, 0.3189, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

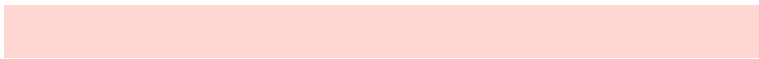
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9025, 0.3344, 0.3120



68.4999, 0.3395, 0.3086



74.6415, 0.3460, 0.3344



18.1006, 0.3235, 0.3201



11.5797, 0.5474, 0.2789



1.1479, 0.5166, 0.2619

Inverse Universe

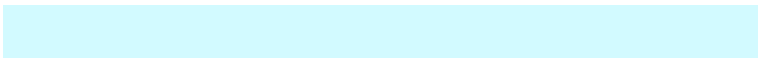
The Inverse Universe completely reimagines the original color for something new.



72.9025, 0.3344, 0.3120



68.4999, 0.3395, 0.3086



89.1056, 0.2858, 0.3235



18.1006, 0.3235, 0.3201



11.5797, 0.5474, 0.2789



1.1479, 0.5166, 0.2619

Previews

White Background



This preview shows how the Yxy color 72.8992, 0.3344, 0.3120 looks on a white background.

Color Contrast Check

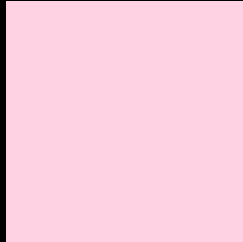
Large Text (above 18pt) WCAG AA × Fail

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 72.8992, 0.3344, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

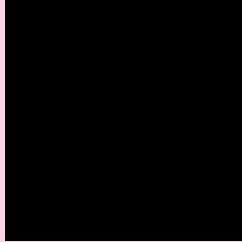
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8992, 0.3344, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 72.8992, 0.3344, 0.3120.

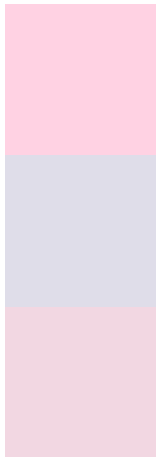


This preview shows how white text looks on a background with the Yxy color 72.8992, 0.3344, 0.3120.

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

72.8992, 0.3344, 0.3120

Protanopia

73.2841, 0.3063, 0.3162

Deuteranopia

72.9691, 0.3249, 0.3176



Tritanopia

72.8442, 0.3352, 0.3130

Trichromacy



Original Color

72.8992, 0.3344, 0.3120

Protanomaly

73.0574, 0.3163, 0.3144

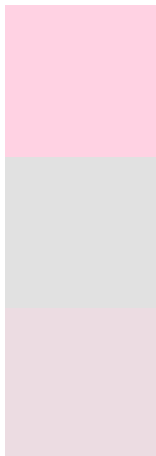
Deuteranomaly

72.8536, 0.3288, 0.3157

Tritanomaly

72.8442, 0.3352, 0.3130

Monochromacy



Original Color

72.8992, 0.3344, 0.3120

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5103, 0.3202, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8992, 0.3344, 0.3120 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, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 227) }
```

Border

The CSS property to change the border of an element to Yxy 72.8992, 0.3344, 0.3120 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, 210, 227) }
```

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

```
.border{ border-color:rgb(255, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
227) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8992, 0.3344, 0.3120$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 227) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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