

Converting Colors

$Y_{xy}(93.2196, 0.4006, 0.3169)$

Have a look what the booklet for
Yxy(93.2196, 0.4006, 0.3169)
contains.

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Color

Yxy(72.7894, 0.3359, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E1
RGB	255, 210, 225
RGB Percent	100%, 82%, 88%
CMY	0.0001, 0.1764, 0.1178
CMYK	0.00, 0.18, 0.12, 0.00
HSL	340°, 100%, 91%
HSV	340°, 18%, 100%
XYZ	77.8661, 72.7894, 81.1579
YIQ	225.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

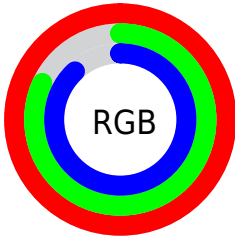
Format	Color
R _Y B	255, 210, 225
Decimal	16765665
CIE Lab	88.35, 18.08, -1.43
CIE LCh	88, 18.134, 355.483
Yxy	72.7894, 0.3359, 0.3140
Android (android.graphics.Color)	4294955745 (0xFFFFD2E1)
YUV	225.1650, -0.0813, 26.1653
Hunter-Lab	85.3167, 13.6076, 3.3218

Details

The Yxy color $72.7894, 0.3359, 0.3140$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.4999, 0.2940, 0.3445$, and the grayscale version is $75.4081, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3507, 0.3413, 0.3097$ is the 20% darker color. If you saturate the color by 10%, you get $60.3053, 0.3532, 0.3049$, and if you desaturate by 10%, it is $87.3784, 0.3217, 0.3227$.

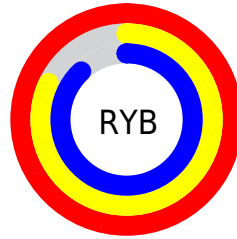
Distribution



Red (100%)

Green (82%)

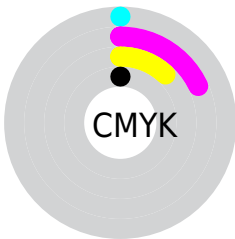
Blue (88%)



Red (100%)

Yellow (82%)

Blue (88%)

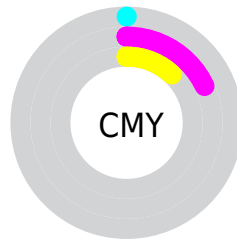


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7894, 0.3359, 0.3140 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 72.7894, 0.3359, 0.3140 by changing the saturation by 10% instead.


 72.7894, 0.3359,
0.3140

 72.7894, 0.3359,
0.3140


470.2846, 0.3252,
0.3209

 53.8038, 0.3383,
0.3124

123.1782, 0.3322,
0.3164

 38.4448, 0.3414,
0.3105


155.3501, 0.3307,
0.3173

 26.3281, 0.3452,
0.3081


192.6863, 0.3295,
0.3181

 17.0693, 0.3502,
0.3049

235.5711, 0.3284,
0.3188

 10.2839, 0.3570,
0.3005

284.3890, 0.3275,
0.3194

 5.5876, 0.3669,
0.2943

339.5242, 0.3266,

 2.5960, 0.3823,

0.3200

0.2847

401.3613, 0.3259,
0.3205

0.9246, 0.4099,
0.2677

0.0000, 1.0000,
0.0000

72.7894, 0.3359,
0.3140

72.7894, 0.3359,
0.3140

60.3053, 0.3532,
0.3049

87.3784, 0.3217,
0.3227

49.8187, 0.3743,
0.2958

99.9948, 0.3127,
0.3290

41.2278, 0.3995,
0.2873

34.4175, 0.4289,
0.2802

■ 29.2603, 0.4619,
0.2758

■ 25.6114, 0.4970,
0.2752

■ 23.3007, 0.5316,
0.2794

■ 22.1044, 0.5625,
0.2885

■ 21.9075, 0.5693,
0.2910

Harmonies

Analogous

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



72.7894, 0.3144, 0.2999



72.7894, 0.3359, 0.3140



72.7894, 0.3514, 0.3321

Triad

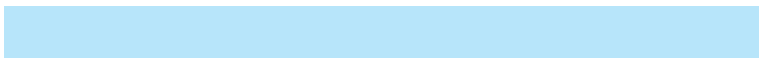
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7894, 0.3359, 0.3140



72.7894, 0.3316, 0.3677



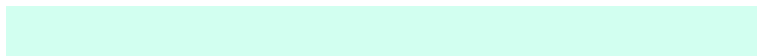
72.7894, 0.2712, 0.3058

Complementary

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



72.7894, 0.3359, 0.3140



91.4999, 0.2940, 0.3445

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.



72.7894, 0.2755, 0.3239



72.7894, 0.3359, 0.3140



72.7894, 0.3099, 0.3608

Square

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



72.7894, 0.3359, 0.3140



72.7894, 0.3487, 0.3634



72.7894, 0.2894, 0.3444



72.7894, 0.2775, 0.2948

Rectangle

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



72.7894, 0.3359, 0.3140



72.7894, 0.3559, 0.3444



72.7894, 0.2894, 0.3444



72.7894, 0.2714, 0.3112

Sweetspot

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



72.7927, 0.3359, 0.3140



91.5972, 0.3185, 0.3249



71.8447, 0.3041, 0.2837



19.3623, 0.3193, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

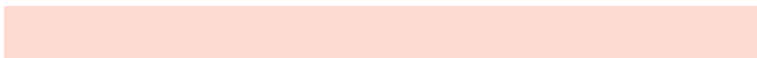
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7927, 0.3359, 0.3140



68.3716, 0.3414, 0.3110



75.7992, 0.3456, 0.3367



18.0867, 0.3242, 0.3211



11.4745, 0.5650, 0.2886



1.1365, 0.5331, 0.2711

Inverse Universe

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



72.7927, 0.3359, 0.3140



68.3716, 0.3414, 0.3110



87.7388, 0.2857, 0.3212



18.0867, 0.3242, 0.3211



11.4745, 0.5650, 0.2886



1.1365, 0.5331, 0.2711

Previews

White Background



This preview shows how the Yxy color 72.7894, 0.3359, 0.3140 looks on a white background.

Color Contrast Check

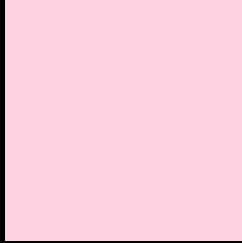
Large Text (above 18pt) WCAG AA × Fail

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 72.7894, 0.3359, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

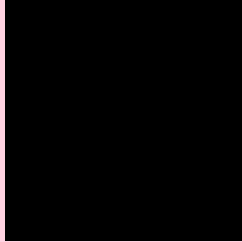
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7894, 0.3359, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 72.7894, 0.3359, 0.3140.



This preview shows how white text looks on a background with the Yxy color 72.7894, 0.3359, 0.3140.

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

72.7894, 0.3359, 0.3140

Protanopia

73.1704, 0.3076, 0.3183

Deuteranopia

72.8599, 0.3263, 0.3197



Tritanopia

72.8442, 0.3352, 0.3130

Trichromacy



Original Color

72.7894, 0.3359, 0.3140

Protanomaly

72.9450, 0.3176, 0.3164

Deuteranomaly

72.7445, 0.3303, 0.3178

Tritanomaly

72.8442, 0.3352, 0.3130

Monochromacy



Original Color

72.7894, 0.3359, 0.3140

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4555, 0.3208, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7894, 0.3359, 0.3140 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 225) }
```

Border

The CSS property to change the border of an element to Yxy 72.7894, 0.3359, 0.3140 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, 225) }
```

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

```
.border{ border-color:rgb(255, 210, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7894, 0.3359, 0.3140 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
210, 225) }
```

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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