

Converting Colors

$Y_{xy}(72.2223, 0.3440, 0.3250)$

Have a look what the booklet for
Yxy(72.2223, 0.3440, 0.3250)
contains.

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Color

Yxy(72.2082, 0.3440, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D6
RGB	255, 210, 214
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1765, 0.1607
CMYK	0.00, 0.18, 0.16, 0.00
HSL	355°, 100%, 91%
HSV	355°, 18%, 100%
XYZ	76.4296, 72.2082, 73.5413
YIQ	223.9110, 25.5360, 10.7840

Conversions

Conversions Part 2

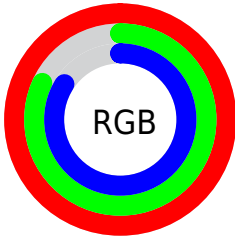
Format	Color
R _Y B	255, 210, 214
Decimal	16765654
CIE Lab	88.07, 16.38, 3.95
CIE LCh	88, 16.853, 13.561
Yxy	72.2082, 0.3440, 0.3250
Android (android.graphics.Color)	4294955734 (0xFFFFD2D6)
YUV	223.9110, -4.8861, 27.2651
Hunter-Lab	84.9754, 11.8416, 8.1707

Details

The Yxy color $72.2082, 0.3440, 0.3250$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.1851, 0.2881, 0.3331$, and the grayscale version is $74.4968, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9517, 0.3522, 0.3239$ is the 20% darker color. If you saturate the color by 10%, you get $59.5016, 0.3679, 0.3226$, and if you desaturate by 10%, it is $87.0916, 0.3248, 0.3273$.

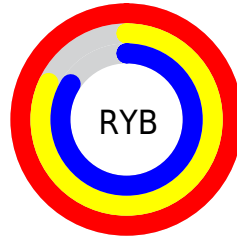
Distribution



Red (100%)

Green (82%)

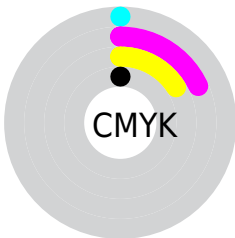
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

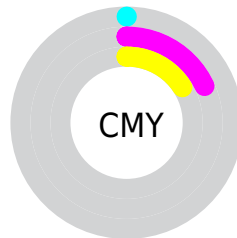


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2082, 0.3440, 0.3250 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 72.2082, 0.3440, 0.3250 by changing the saturation by 10% instead.

 72.2082, 0.3440,
0.3250

 72.2082, 0.3440,
0.3250

468.2659, 0.3294,
0.3270

 53.3288, 0.3474,
0.3245


122.3525, 0.3389,
0.3257

 38.0653, 0.3515,
0.3239

154.3861, 0.3370,
0.3260

 26.0334, 0.3568,
0.3231


191.5733, 0.3353,
0.3262

 16.8486, 0.3638,
0.3220

234.2984, 0.3338,
0.3264

 10.1266, 0.3733,
0.3204

282.9458, 0.3325,
0.3266

 5.4830, 0.3872,
0.3179

337.9000, 0.3314,

 2.5333, 0.4094,

0.3267

0.3136

399.5452, 0.3303,
0.3269

0.8933, 0.4533,
0.3072

0.0000, 1.0000,
0.0000

72.2082, 0.3440,
0.3250

72.2082, 0.3440,
0.3250

59.5016, 0.3679,
0.3226

87.0916, 0.3248,
0.3273

48.8676, 0.3975,
0.3202

100.0000, 0.3127,
0.3290

40.1967, 0.4334,
0.3181

33.3689, 0.4751,
0.3167

■ 28.2505, 0.5208,
0.3164

■ 24.6901, 0.5658,
0.3177

■ 22.5095, 0.6036,
0.3208

■ 21.4753, 0.6284,
0.3251

■ 21.3210, 0.6325,
0.3258

Harmonies

Analogous

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



72.2082, 0.3267, 0.3091



72.2082, 0.3440, 0.3250



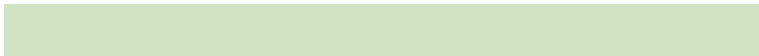
72.2082, 0.3527, 0.3423

Triad

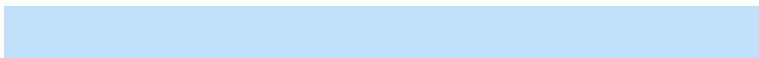
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2082, 0.3440, 0.3250



72.2082, 0.3183, 0.3623



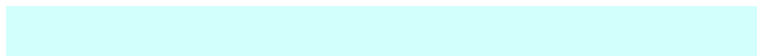
72.2082, 0.2763, 0.3002

Complementary

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



72.2082, 0.3440, 0.3250



92.1851, 0.2881, 0.3331

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.



72.2082, 0.2743, 0.3136



72.2082, 0.3440, 0.3250



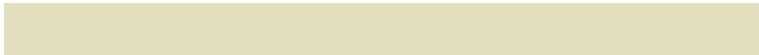
72.2082, 0.2981, 0.3502

Square

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



72.2082, 0.3440, 0.3250



72.2082, 0.3375, 0.3646



72.2082, 0.2822, 0.3320



72.2082, 0.2878, 0.2949

Rectangle

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



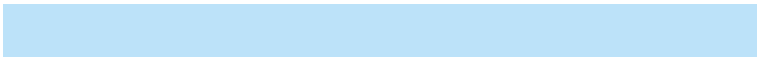
72.2082, 0.3440, 0.3250



72.2082, 0.3523, 0.3527



72.2082, 0.2822, 0.3320



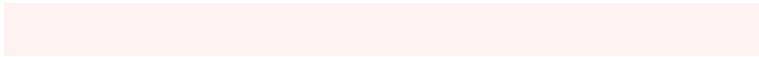
72.2082, 0.2746, 0.3039

Sweetspot

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



72.2090, 0.3440, 0.3250



91.4078, 0.3204, 0.3279



73.7293, 0.3116, 0.2847



19.3165, 0.3215, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

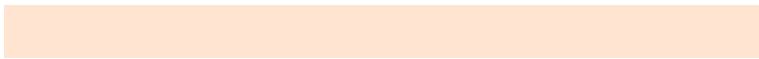
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2090, 0.3440, 0.3250



67.7112, 0.3514, 0.3242



81.3997, 0.3439, 0.3472



18.0134, 0.3280, 0.3269



11.1496, 0.6304, 0.3246



1.0941, 0.6108, 0.3139

Inverse Universe

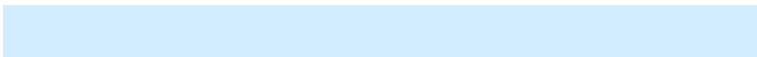
The Inverse Universe completely reimagines the original color for something new.



72.2090, 0.3440, 0.3250



67.7112, 0.3514, 0.3242



81.4897, 0.2851, 0.3101



18.0134, 0.3280, 0.3269



11.1496, 0.6304, 0.3246



1.0941, 0.6108, 0.3139

Previews

White Background



This preview shows how the Yxy color 72.2082, 0.3440, 0.3250 looks on a white background.

Color Contrast Check

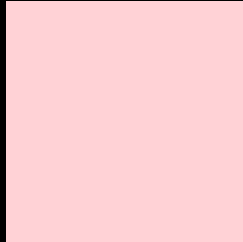
Large Text (above 18pt) WCAG AA × Fail

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 72.2082, 0.3440, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

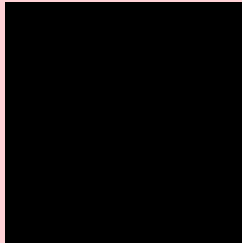
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2082, 0.3440, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 72.2082, 0.3440, 0.3250.



This preview shows how white text looks on a background with the Yxy color 72.2082, 0.3440, 0.3250.

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

72.2082, 0.3440, 0.3250

Protanopia

72.3613, 0.3163, 0.3290

Deuteranopia

72.3097, 0.3365, 0.3301



Tritanopia

72.2427, 0.3368, 0.3139

Trichromacy



Original Color

72.2082, 0.3440, 0.3250

Protanomaly

72.0066, 0.3260, 0.3269

Deuteranomaly

72.5323, 0.3397, 0.3291

Tritanomaly

72.0282, 0.3397, 0.3179

Monochromacy



Original Color

72.2082, 0.3440, 0.3250

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4925, 0.3236, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2082, 0.3440, 0.3250 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 72.2082, 0.3440, 0.3250 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, 214) }
```

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

```
.border{ border-color:rgb(255, 210, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2082, 0.3440, 0.3250 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
210, 214) }
```

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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