

Converting Colors

$Y_{xy}(72.6525, 0.3254, 0.3204)$

Have a look what the booklet for
Yxy(72.6525, 0.3254, 0.3204)
contains.

Yxy(72.5080, 0.3249, 0.3197)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.5080, 0.3249, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	F0D7E0
RGB	240, 215, 224
RGB Percent	94%, 84%, 88%
CMY	0.0588, 0.1568, 0.1217
CMYK	0.00, 0.10, 0.07, 0.06
HSL	339°, 45%, 89%
HSV	339°, 10%, 94%
XYZ	73.6874, 72.5080, 80.6048
YIQ	223.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

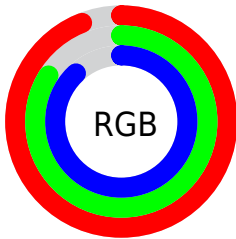
Format	Color
R _Y B	240, 215, 224
Decimal	15783904
CIE Lab	88.21, 10.13, -1.25
CIE LCh	88, 10.211, 352.983
Yxy	72.5080, 0.3249, 0.3197
Android (android.graphics.Color)	4293973984 (0xFFFF0D7E0)
YUV	223.5010, 0.2460, 14.4696
Hunter-Lab	85.1516, 5.4526, 3.4821

Details

The Yxy color $72.5080, 0.3249, 0.3197$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82.5450, 0.3019, 0.3385$, and the grayscale version is $74.1596, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1965, 0.3277, 0.3169$ is the 20% darker color. If you saturate the color by 10%, you get $60.3728, 0.3393, 0.3102$, and if you desaturate by 10%, it is $86.5182, 0.3132, 0.3286$.

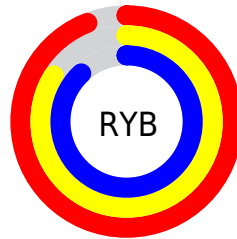
Distribution



Red (94%)

Green (84%)

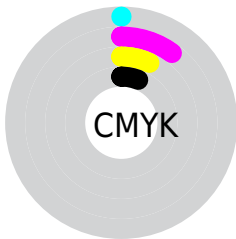
Blue (88%)



Red (94%)

Yellow (84%)

Blue (88%)

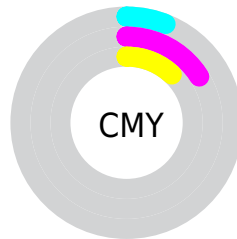


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5080, 0.3249, 0.3197 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 72.5080, 0.3249, 0.3197 by changing the saturation by 10% instead.


 72.5080, 0.3249,
0.3197

 72.5080, 0.3249,
0.3197


469.3078, 0.3193,
0.3240

 53.5738, 0.3262,
0.3187

122.7785, 0.3229,
0.3212

 38.2610, 0.3278,
0.3175


154.8835, 0.3222,
0.3218

 26.1853, 0.3298,
0.3160


192.1476, 0.3215,
0.3223

 16.9623, 0.3324,
0.3140

234.9552, 0.3210,
0.3227

 10.2076, 0.3360,
0.3113

283.6906, 0.3205,
0.3231

 5.5368, 0.3413,
0.3074

338.7383, 0.3200,

 2.5656, 0.3495,

0.3234

0.3012

400.4825, 0.3196,
0.3237

0.9094, 0.3644,
0.2903

0.0000, 1.0000,
0.0000

72.5080, 0.3249,
0.3197

72.5080, 0.3249,
0.3197

60.3728, 0.3393,
0.3102

86.5182, 0.3132,
0.3286

50.0235, 0.3568,
0.3005

97.2517, 0.3037,
0.3292

41.3775, 0.3779,
0.2908

97.2665, 0.3035,
0.3290

34.3423, 0.4030,
0.2819

■ 28.8165, 0.4319,
0.2748

■ 24.6868, 0.4640,
0.2707

■ 21.8238, 0.4977,
0.2708

■ 20.0737, 0.5304,
0.2760

■ 19.1978, 0.5586,
0.2851

Harmonies

Analogous

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



72.5080, 0.3127, 0.3118



72.5080, 0.3249, 0.3197



72.5080, 0.3339, 0.3301

Triad

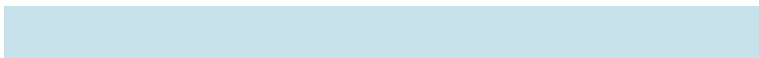
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5080, 0.3249, 0.3197



72.5080, 0.3245, 0.3506



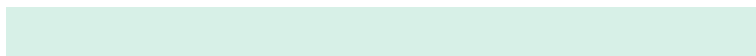
72.5080, 0.2890, 0.3169

Complementary

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



72.5080, 0.3249, 0.3197



82.5450, 0.3019, 0.3385

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.



72.5080, 0.2920, 0.3273



72.5080, 0.3249, 0.3197



72.5080, 0.3123, 0.3472

Square

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



72.5080, 0.3249, 0.3197



72.5080, 0.3336, 0.3480



72.5080, 0.3005, 0.3385



72.5080, 0.2922, 0.3100

Rectangle

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



72.5080, 0.3249, 0.3197



72.5080, 0.3367, 0.3372



72.5080, 0.3005, 0.3385



72.5080, 0.2893, 0.3201

Sweetspot

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



72.5112, 0.3249, 0.3197



94.9036, 0.3160, 0.3264



71.8590, 0.3074, 0.3029



20.0290, 0.3169, 0.3257



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.



72.5112, 0.3249, 0.3197



80.8056, 0.3270, 0.3182



73.7531, 0.3308, 0.3325



15.8524, 0.3237, 0.3206



10.5316, 0.5544, 0.2828



0.8945, 0.5181, 0.2628

Inverse Universe

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



72.5112, 0.3249, 0.3197



80.8056, 0.3270, 0.3182



81.1196, 0.2967, 0.3254



15.8524, 0.3237, 0.3206



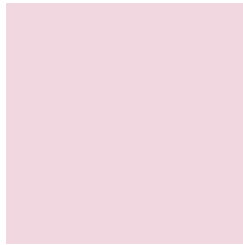
10.5316, 0.5544, 0.2828



0.8945, 0.5181, 0.2628

Previews

White Background



This preview shows how the Yxy color 72.5080, 0.3249, 0.3197 looks on a white background.

Color Contrast Check

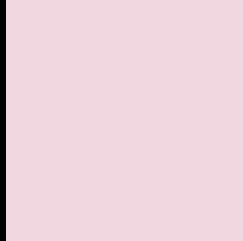
Large Text (above 18pt) WCAG AA × Fail

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 72.5080, 0.3249, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

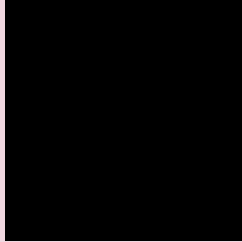
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5080, 0.3249, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 72.5080, 0.3249, 0.3197.

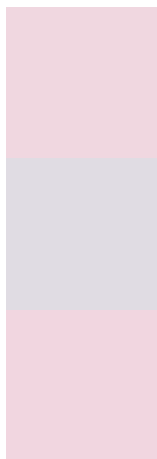


This preview shows how white text looks on a background with the Yxy color 72.5080, 0.3249, 0.3197.

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

72.5080, 0.3249, 0.3197

Protanopia

72.5797, 0.3109, 0.3215

Deuteranopia

72.1757, 0.3257, 0.3186



Tritanopia

72.5634, 0.3208, 0.3115

Trichromacy



Original Color

72.5080, 0.3249, 0.3197

Protanomaly

72.4568, 0.3160, 0.3205

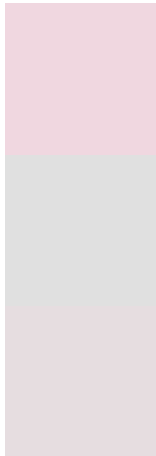
Deuteranomaly

72.1757, 0.3257, 0.3186

Tritanomaly

72.3953, 0.3229, 0.3145

Monochromacy



Original Color

72.5080, 0.3249, 0.3197

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9177, 0.3171, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5080, 0.3249, 0.3197 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(240, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 215, 224)  
}
```

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(240, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 224) }
```

Border

The CSS property to change the border of an element to Yxy 72.5080, 0.3249, 0.3197 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(240, 215, 224) }
```

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

```
.border{ border-color:rgb(240, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 215,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5080, 0.3249, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 215, 224) }
```

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

```
.background{ background-color: rgb(240,  
215, 224) }
```

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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