

Converting Colors

$Y_{xy}(79.1197, 0.3239, 0.3248)$

Have a look what the booklet for
Yxy(79.1197, 0.3239, 0.3248)
contains.

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Color

Yxy(78.9200, 0.3242, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	F5E1E5
RGB	245, 225, 229
RGB Percent	96%, 88%, 90%
CMY	0.0391, 0.1176, 0.1021
CMYK	0.00, 0.08, 0.07, 0.04
HSL	348°, 50%, 92%
HSV	348°, 8%, 96%
XYZ	78.7257, 78.9200, 85.1850
YIQ	231.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

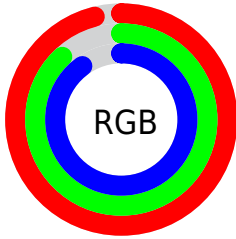
Format	Color
R _Y B	245, 225, 229
Decimal	16114149
CIE Lab	91.20, 7.50, 0.54
CIE LCh	91, 7.524, 4.085
Yxy	78.9200, 0.3242, 0.3250
Android (android.graphics.Color)	4294304229 (0xFF5E1E5)
YUV	231.4360, -1.2009, 11.8956
Hunter-Lab	88.8369, 2.7190, 5.3331

Details

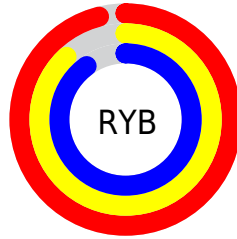
The Yxy color **78.9200, 0.3242, 0.3250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.6814, 0.3023, 0.3330**, and the grayscale version is **80.2585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6243, 0.3267, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **65.5760, 0.3413, 0.3198**, and if you desaturate by 10%, it is **94.2961, 0.3104, 0.3299**.

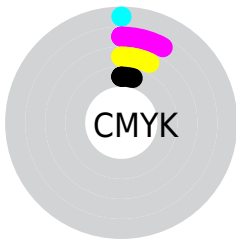
Distribution



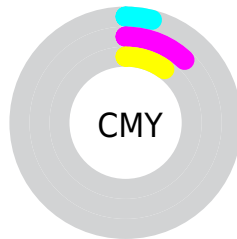
- Red (96%)
- Green (88%)
- Blue (90%)



- Red (96%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9200, 0.3242, 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 78.9200, 0.3242, 0.3250 by changing the saturation by 10% instead.

 78.9200, 0.3242,
0.3250

 78.9200, 0.3242,
0.3250

491.2857, 0.3190,
0.3268

 58.8300, 0.3254,
0.3246


131.8462, 0.3224,
0.3256

 42.4763, 0.3268,
0.3241

165.4513, 0.3217,
0.3259

 29.4744, 0.3287,
0.3234


204.3302, 0.3211,
0.3261

 19.4400, 0.3311,
0.3226

248.8673, 0.3205,
0.3263

 11.9887, 0.3343,
0.3214

299.4470, 0.3201,
0.3265

 6.7360, 0.3388,
0.3198

356.4537, 0.3197,

 3.2975, 0.3459,

0.3266

0.3173

420.2718, 0.3193,
0.3267

■ 1.2890, 0.3581,
0.3128

■ 0.1326, 0.5635,
0.2417

■ 78.9200, 0.3242,
0.3250

■ 78.9200, 0.3242,
0.3250

■ 65.5760, 0.3413,
0.3198

■ 94.2961, 0.3104,
0.3299

■ 54.1691, 0.3624,
0.3144

■ 98.1567, 0.3066,
0.3290

■ 44.6120, 0.3884,
0.3090

■ 36.8068, 0.4196,
0.3041

■ 30.6466, 0.4562,
0.3004

■ 26.0124, 0.4969,
0.2988

■ 22.7694, 0.5387,
0.3001

■ 20.7590, 0.5770,
0.3051

■ 19.7626, 0.6070,
0.3129

Harmonies

Analogous

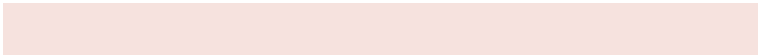
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9200, 0.3161, 0.3184



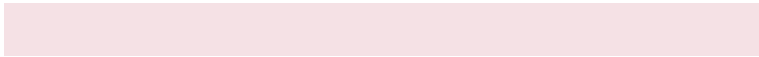
78.9200, 0.3242, 0.3250



78.9200, 0.3292, 0.3327

Triad

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



78.9200, 0.3242, 0.3250



78.9200, 0.3181, 0.3440



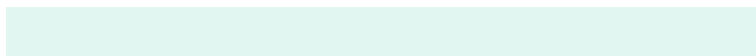
78.9200, 0.2960, 0.3181

Complementary

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



78.9200, 0.3242, 0.3250



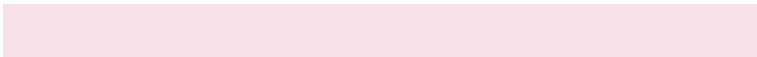
87.6814, 0.3023, 0.3330

Split Complementary

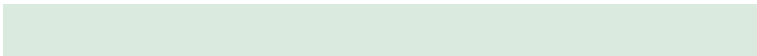
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9200, 0.2965, 0.3249



78.9200, 0.3242, 0.3250



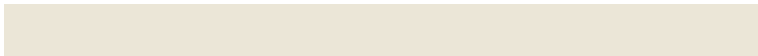
78.9200, 0.3092, 0.3400

Square

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



78.9200, 0.3242, 0.3250



78.9200, 0.3256, 0.3438



78.9200, 0.3013, 0.3330



78.9200, 0.2999, 0.3144

Rectangle

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



78.9200, 0.3242, 0.3250



78.9200, 0.3301, 0.3375



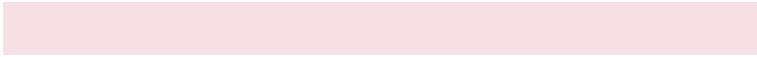
78.9200, 0.3013, 0.3330



78.9200, 0.2956, 0.3201

Sweetspot

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



78.9235, 0.3242, 0.3250



96.5284, 0.3153, 0.3280



79.1498, 0.3109, 0.3088



20.6974, 0.3152, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

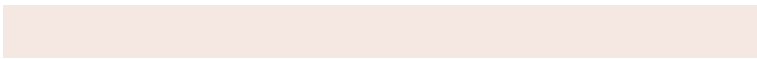
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9235, 0.3242, 0.3250



83.5477, 0.3271, 0.3241



82.0097, 0.3262, 0.3351



16.5361, 0.3262, 0.3243



10.5904, 0.6081, 0.3124



0.9447, 0.5750, 0.2941

Inverse Universe

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



78.9235, 0.3242, 0.3250



83.5477, 0.3271, 0.3241



84.3448, 0.3001, 0.3228



16.5361, 0.3262, 0.3243



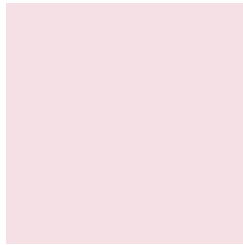
10.5904, 0.6081, 0.3124



0.9447, 0.5750, 0.2941

Previews

White Background



This preview shows how the Yxy color 78.9200, 0.3242, 0.3250 looks on a white background.

Color Contrast Check

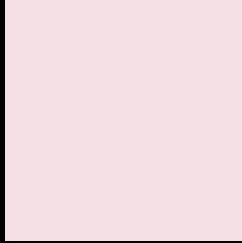
Large Text (above 18pt) WCAG AA × Fail

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 78.9200, 0.3242, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

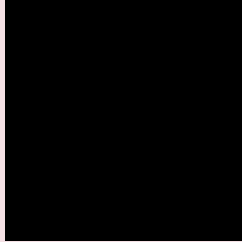
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

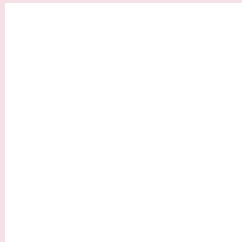
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9200, 0.3242, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 78.9200, 0.3242, 0.3250.

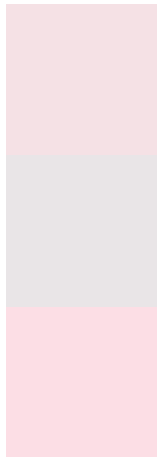


This preview shows how white text looks on a background with the Yxy color 78.9200, 0.3242, 0.3250.

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

78.9200, 0.3242, 0.3250

Protanopia

79.1318, 0.3142, 0.3269

Deuteranopia

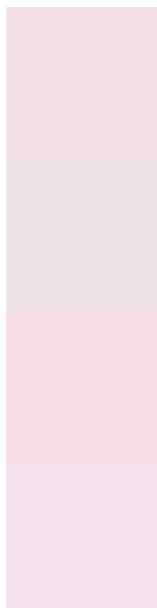
78.5951, 0.3295, 0.3220



Tritanopia

78.9004, 0.3178, 0.3110

Trichromacy



Original Color

78.9200, 0.3242, 0.3250

Protanomaly

79.2045, 0.3177, 0.3270

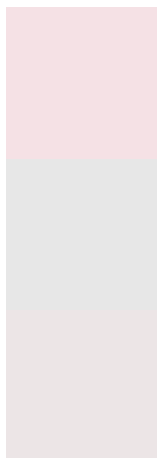
Deuteranomaly

78.5722, 0.3272, 0.3230

Tritanomaly

79.0186, 0.3196, 0.3159

Monochromacy



Original Color

78.9200, 0.3242, 0.3250

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5847, 0.3169, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9200, 0.3242, 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(245, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 229)  
}
```

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(245, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 229) }
```

Border

The CSS property to change the border of an element to Yxy 78.9200, 0.3242, 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(245, 225, 229) }
```

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

```
.border{ border-color:rgb(245, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 225, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 225, 229); box-shadow:4px 4px 4px 4px rgb(245, 225, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9200, 0.3242, 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(245, 225, 229) }
```

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

```
.background{ background-color: rgb(245,  
225, 229) }
```

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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