

Converting Colors

Yxy(84.7292, 0.3145, 0.3200)

Have a look what the booklet for
Yxy(84.7292, 0.3145, 0.3200)
contains.

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Color

Yxy(84.7292, 0.3145, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	F5EAF3
RGB	245, 234, 243
RGB Percent	96%, 92%, 95%
CMY	0.0390, 0.0824, 0.0470
CMYK	0.00, 0.05, 0.01, 0.04
HSL	311°, 36%, 94%
HSV	311°, 5%, 96%
XYZ	83.2729, 84.7292, 96.7766
YIQ	238.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

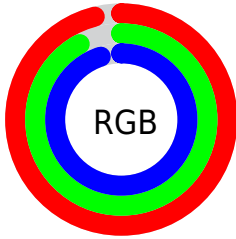
Format	Color
R _Y B	245, 234, 243
Decimal	16116467
CIE Lab	93.77, 5.31, -3.04
CIE LCh	94, 6.117, 330.176
Yxy	84.7292, 0.3145, 0.3200
Android (android.graphics.Color)	4294306547 (0xFF5EAF3)
YUV	238.3150, 2.3097, 5.8627
Hunter-Lab	92.0485, 0.3977, 2.0984

Details

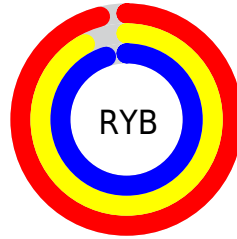
The Yxy color $84.7292, 0.3145, 0.3200$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $88.8849, 0.3110, 0.3382$, and the grayscale version is $85.7446, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.2475, 0.3150, 0.3175$ is the 20% darker color. If you saturate the color by 10%, you get $71.4638, 0.3189, 0.2995$, and if you desaturate by 10%, it is $97.6898, 0.3108, 0.3363$.

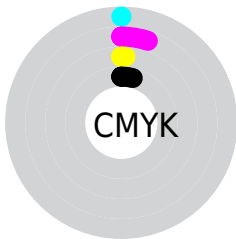
Distribution



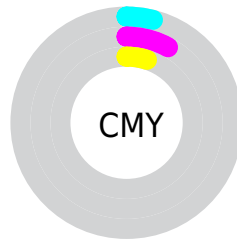
- Red (96%)
- Green (92%)
- Blue (95%)



- Red (96%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7292, 0.3145, 0.3200 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 84.7292, 0.3145, 0.3200 by changing the saturation by 10% instead.


 84.7292, 0.3145,
0.3200

 84.7292, 0.3145,
0.3200


510.7316, 0.3137,
0.3240

 63.6177, 0.3147,
0.3191


139.9948, 0.3142,
0.3214

 46.3411, 0.3149,
0.3180


174.9176, 0.3141,
0.3219

 32.5150, 0.3151,
0.3167


215.2129, 0.3140,
0.3224

 21.7552, 0.3155,
0.3149

261.2652, 0.3140,
0.3228

 13.6771, 0.3159,
0.3126

313.4588, 0.3139,
0.3232

 7.8965, 0.3165,
0.3094

372.1781, 0.3138,

 4.0288, 0.3174,

0.3235

0.3047

437.8076, 0.3138,
0.3238

■ 1.6897, 0.3187,
0.2970

■ 0.4170, 0.3267,
0.2591

■ 84.7292, 0.3145,
0.3200

■ 84.7292, 0.3145,
0.3200

■ 71.4638, 0.3189,
0.2995

■ 97.6898, 0.3108,
0.3363

■ 60.0524, 0.3239,
0.2784

■ 97.9715, 0.3083,
0.3319

■ 50.4143, 0.3296,
0.2575

■ 98.1622, 0.3066,
0.3290

■ 42.4590, 0.3359,
0.2374

■ 36.0877, 0.3427,
0.2193

■ 31.1913, 0.3498,
0.2040

■ 27.6471, 0.3571,
0.1926

■ 25.3123, 0.3642,
0.1857

■ 24.0119, 0.3710,
0.1835

Harmonies

Analogous

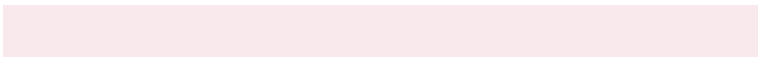
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7292, 0.3075, 0.3173



84.7292, 0.3145, 0.3200



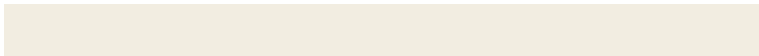
84.7292, 0.3211, 0.3251

Triad

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



84.7292, 0.3145, 0.3200



84.7292, 0.3236, 0.3405



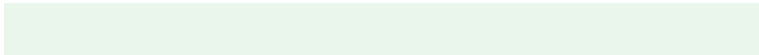
84.7292, 0.3001, 0.3266

Complementary

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



84.7292, 0.3145, 0.3200



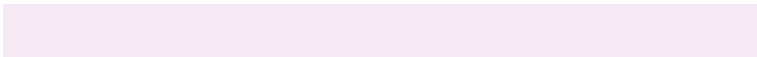
88.8849, 0.3110, 0.3382

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.



84.7292, 0.3044, 0.3330



84.7292, 0.3145, 0.3200



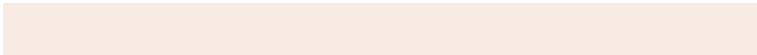
84.7292, 0.3179, 0.3410

Square

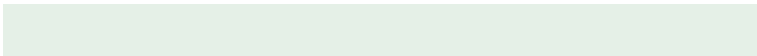
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



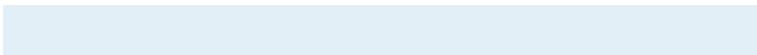
84.7292, 0.3145, 0.3200



84.7292, 0.3264, 0.3368



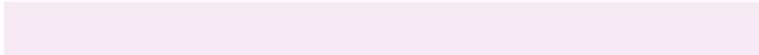
84.7292, 0.3108, 0.3383



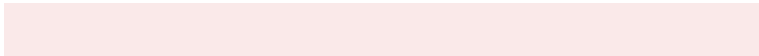
84.7292, 0.2993, 0.3210

Rectangle

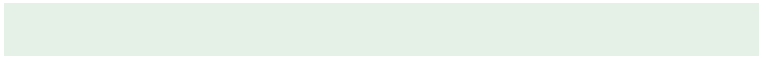
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7292, 0.3145, 0.3200



84.7292, 0.3244, 0.3291



84.7292, 0.3108, 0.3383



84.7292, 0.3012, 0.3287

Sweetspot

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



84.7329, 0.3145, 0.3200



98.3537, 0.3131, 0.3270



83.2696, 0.3072, 0.3178



21.0691, 0.3131, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

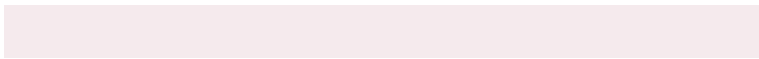
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7329, 0.3145, 0.3200



91.9834, 0.3147, 0.3190



84.4036, 0.3180, 0.3255



17.8228, 0.3150, 0.3176



12.7246, 0.3736, 0.1832



1.1316, 0.3658, 0.1789

Inverse Universe

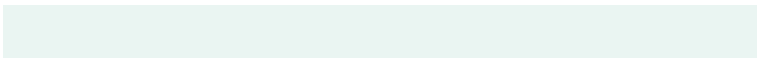
The Inverse Universe completely reimagines the original color for something new.



84.7329, 0.3145, 0.3200



91.9834, 0.3147, 0.3190



89.2115, 0.3077, 0.3325



17.8228, 0.3150, 0.3176



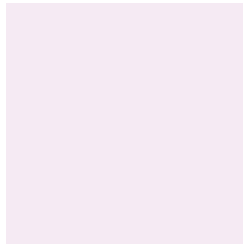
12.7246, 0.3736, 0.1832



1.1316, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 84.7292, 0.3145, 0.3200 looks on a white background.

Color Contrast Check

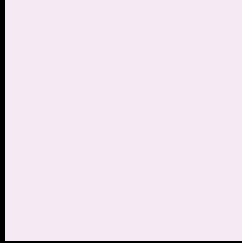
Large Text (above 18pt) WCAG AA × Fail

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 84.7292, 0.3145, 0.3200 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

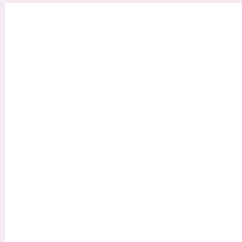
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.7292, 0.3145, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 84.7292, 0.3145, 0.3200.

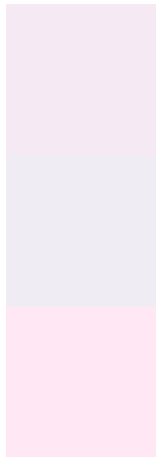


This preview shows how white text looks on a background with the Yxy color 84.7292, 0.3145, 0.3200.

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

84.7292, 0.3145, 0.3200

Protanopia

84.8733, 0.3098, 0.3209

Deuteranopia

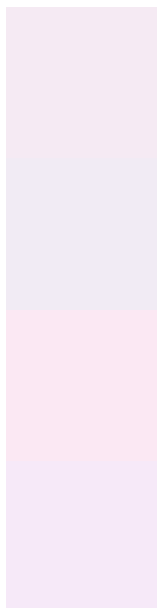
84.8829, 0.3214, 0.3173



Tritanopia

84.8357, 0.3102, 0.3112

Trichromacy



Original Color

84.7292, 0.3145, 0.3200

Protanomaly

84.6491, 0.3111, 0.3200

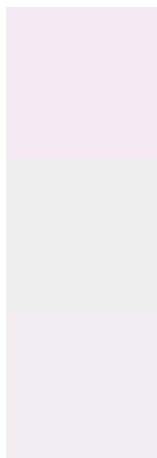
Deuteranomaly

84.6935, 0.3186, 0.3182

Tritanomaly

84.6480, 0.3121, 0.3142

Monochromacy



Original Color

84.7292, 0.3145, 0.3200

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5604, 0.3135, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7292, 0.3145, 0.3200 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, 234, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 243)  
}
```

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, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 243) }
```

Border

The CSS property to change the border of an element to Yxy 84.7292, 0.3145, 0.3200 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, 234, 243) }
```

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

```
.border{ border-color:rgb(245, 234, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 234, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7292, 0.3145, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 243) }
```

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

```
.background{ background-color: rgb(245,  
234, 243) }
```

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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