

Converting Colors

Yxy(84.8055, 0.3062, 0.3146)

Have a look what the booklet for
Yxy(84.8055, 0.3062, 0.3146)
contains.

Yxy(84.6695, 0.3062, 0.3140)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(84.6695, 0.3062, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	EFEBFA
RGB	239, 235, 250
RGB Percent	94%, 92%, 98%
CMY	0.0626, 0.0784, 0.0197
CMYK	0.04, 0.06, 0.00, 0.02
HSL	256°, 60%, 95%
HSV	256°, 6%, 98%
XYZ	82.5662, 84.6695, 102.4123
YIQ	237.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

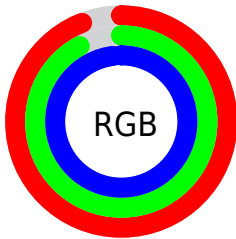
Format	Color
R_{YB}	239, 235, 250
Decimal	15723514
CIE _{Lab}	93.74, 4.06, -6.75
CIE _{LCh}	94, 7.877, 301.034
Yxy	84.6695, 0.3062, 0.3140
Android (android.graphics.Color)	4293913594 (0xFFEFEBFA)
YUV	237.9060, 5.9623, 0.9594
Hunter-Lab	92.0160, -0.8595, -1.5776

Details

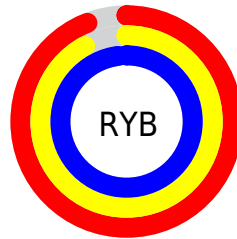
The Yxy color **84.6695, 0.3062, 0.3140** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.9350, 0.3190, 0.3438**, and the grayscale version is **85.3831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2025, 0.3043, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **68.3322, 0.2940, 0.2867**, and if you desaturate by 10%, it is **99.6806, 0.3156, 0.3338**.

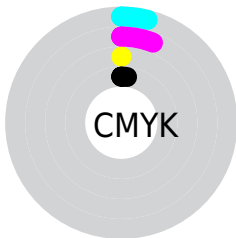
Distribution



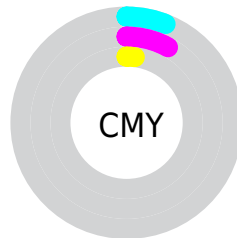
- Red (94%)
- Green (92%)
- Blue (98%)



- Red (94%)
- Yellow (92%)
- Blue (98%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.6695, 0.3062, 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 84.6695, 0.3062, 0.3140 by changing the saturation by 10% instead.

84.6695, 0.3062,
0.3140

84.6695, 0.3062,
0.3140

510.5338, 0.3092,
0.3207

63.5683, 0.3055,
0.3125

139.9113, 0.3072,
0.3163

46.3011, 0.3047,
0.3107

174.8208, 0.3076,
0.3172

32.4835, 0.3037,
0.3085

215.1018, 0.3080,
0.3180

21.7311, 0.3024,
0.3056

261.1387, 0.3083,
0.3186

13.6594, 0.3006,
0.3018

313.3160, 0.3085,
0.3193

7.8842, 0.2982,
0.2965

372.0180, 0.3088,

4.0209, 0.2944,

0.3198

0.2888

437.6292, 0.3090,
0.3203

■ 1.6853, 0.2882,
0.2761

■ 0.4141, 0.2693,
0.2263

■ 84.6695, 0.3062,
0.3140

■ 84.6695, 0.3062,
0.3140

■ 68.3322, 0.2940,
0.2867

■ 99.6806, 0.3156,
0.3338

■ 54.2305, 0.2800,
0.2569

■ 42.2688, 0.2643,
0.2250

■ 32.3405, 0.2472,
0.1920

■ 24.3295, 0.2294,
0.1594

■ 18.1076, 0.2115,
0.1293

■ 13.5309, 0.1948,
0.1035

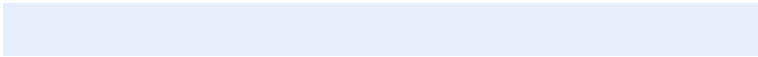
■ 10.4317, 0.1803,
0.0841

■ 8.6045, 0.1689,
0.0718

Harmonies

Analogous

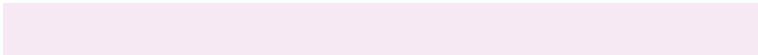
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6695, 0.2990, 0.3143



84.6695, 0.3062, 0.3140



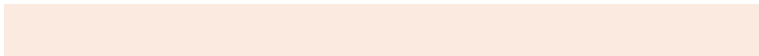
84.6695, 0.3153, 0.3176

Triad

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



84.6695, 0.3062, 0.3140



84.6695, 0.3303, 0.3392



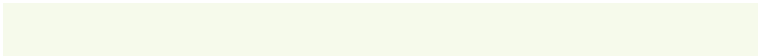
84.6695, 0.3018, 0.3339

Complementary

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



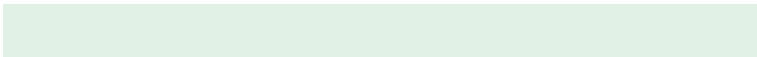
84.6695, 0.3062, 0.3140



93.9350, 0.3190, 0.3438

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.



84.6695, 0.3100, 0.3409



84.6695, 0.3062, 0.3140



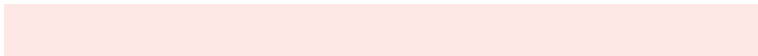
84.6695, 0.3265, 0.3439

Square

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



84.6695, 0.3062, 0.3140



84.6695, 0.3293, 0.3320



84.6695, 0.3191, 0.3445



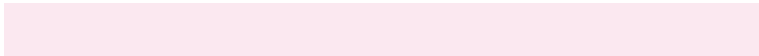
84.6695, 0.2965, 0.3256

Rectangle

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



84.6695, 0.3062, 0.3140



84.6695, 0.3211, 0.3217



84.6695, 0.3191, 0.3445



84.6695, 0.3043, 0.3365

Sweetspot

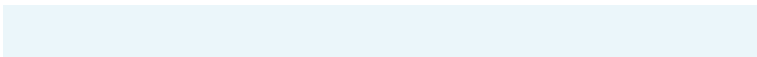
The Sweet Spot groups the original color and five complimentary colors.



84.6731, 0.3062, 0.3140



96.0896, 0.3106, 0.3241



90.4625, 0.3034, 0.3250



20.6081, 0.3107, 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.



84.6731, 0.3062, 0.3140



86.7466, 0.3050, 0.3114



85.9955, 0.3111, 0.3142



17.5575, 0.3044, 0.3098



4.3627, 0.1665, 0.0691



0.4538, 0.1784, 0.0757

Inverse Universe

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



86.3843, 0.3159, 0.3183



88.8289, 0.3165, 0.3164



92.6166, 0.3142, 0.3440



18.0186, 0.3168, 0.3153



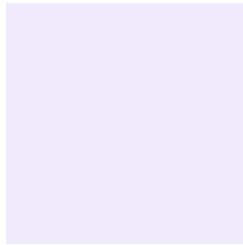
12.6092, 0.4036, 0.1997



1.1855, 0.3914, 0.1930

Previews

White Background



This preview shows how the Yxy color 84.6695, 0.3062, 0.3140 looks on a white background.

Color Contrast Check

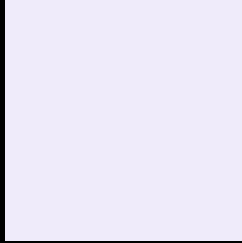
Large Text (above 18pt) WCAG AA × Fail

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 84.6695, 0.3062, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

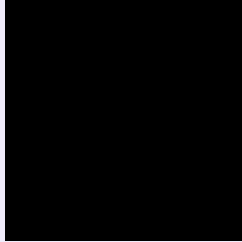
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.6695, 0.3062, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 84.6695, 0.3062, 0.3140.



This preview shows how white text looks on a background with the Yxy color 84.6695, 0.3062, 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

84.6695, 0.3062, 0.3140

Protanopia

84.8976, 0.3048, 0.3149

Deuteranopia

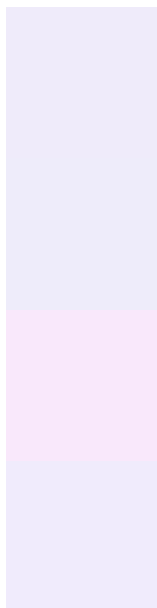
84.6295, 0.3157, 0.3086



Tritanopia

85.0338, 0.3050, 0.3111

Trichromacy



Original Color

84.6695, 0.3062, 0.3140

Protanomaly

85.0702, 0.3055, 0.3150

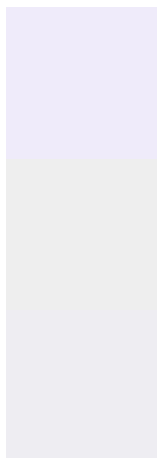
Deuteranomaly

84.8180, 0.3122, 0.3104

Tritanomaly

84.9702, 0.3056, 0.3121

Monochromacy



Original Color

84.6695, 0.3062, 0.3140

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.1563, 0.3103, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6695, 0.3062, 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(239, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 250)  
}
```

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(239, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 250) }
```

Border

The CSS property to change the border of an element to Yxy 84.6695, 0.3062, 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(239, 235, 250) }
```

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

```
.border{ border-color:rgb(239, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6695, 0.3062, 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(239, 235, 250) }
```

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

```
.background{ background-color: rgb(239,  
235, 250) }
```

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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