

Converting Colors

Yxy(85.4046, 0.3153, 0.3192)

Have a look what the booklet for
Yxy(85.4046, 0.3153, 0.3192)
contains.

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Color

Yxy(85.1514, 0.3152, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	F7EAF4
RGB	247, 234, 244
RGB Percent	97%, 92%, 96%
CMY	0.0313, 0.0823, 0.0432
CMYK	0.00, 0.05, 0.01, 0.03
HSL	314°, 45%, 94%
HSV	314°, 5%, 97%
XYZ	84.1107, 85.1514, 97.5865
YIQ	239.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

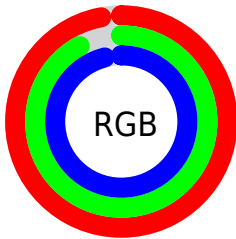
Format	Color
R _Y B	247, 234, 244
Decimal	16247540
CIE Lab	93.95, 6.12, -3.26
CIE LCh	94, 6.937, 331.937
Yxy	85.1514, 0.3152, 0.3191
Android (android.graphics.Color)	4294437620 (0xFF7EAF4)
YUV	239.0270, 2.4517, 6.9923
Hunter-Lab	92.2775, 1.2166, 1.8931

Details

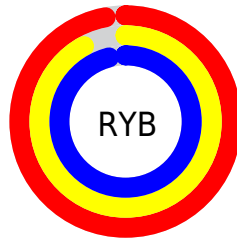
The Yxy color **85.1514, 0.3152, 0.3191** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.1348, 0.3103, 0.3391**, and the grayscale version is **86.3194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5480, 0.3159, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **71.7149, 0.3205, 0.2997**, and if you desaturate by 10%, it is **98.1799, 0.3108, 0.3341**.

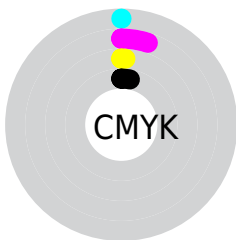
Distribution



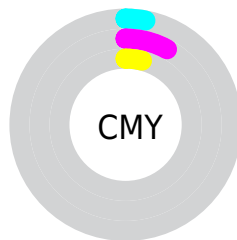
- Red (97%)
- Green (92%)
- Blue (96%)



- Red (97%)
- Yellow (92%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.1514, 0.3152, 0.3191 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 85.1514, 0.3152, 0.3191 by changing the saturation by 10% instead.


 85.1514, 0.3152,
0.3191

 85.1514, 0.3152,
0.3191


512.1289, 0.3141,
0.3235

 63.9665, 0.3154,
0.3181


140.5847, 0.3148,
0.3206

 46.6235, 0.3157,
0.3169


175.6018, 0.3147,
0.3212

 32.7381, 0.3161,
0.3155


215.9985, 0.3146,
0.3217

 21.9259, 0.3166,
0.3136

262.1592, 0.3144,
0.3222

 13.8025, 0.3172,
0.3111

314.4681, 0.3143,
0.3226

 7.9834, 0.3180,
0.3076

373.3098, 0.3143,

 4.0843, 0.3192,

0.3229

0.3024

439.0686, 0.3142,
0.3232

■ 1.7209, 0.3212,
0.2940

■ 0.4371, 0.3311,
0.2562

■ 85.1514, 0.3152,
0.3191

■ 85.1514, 0.3152,
0.3191

■ 71.7149, 0.3205,
0.2997

■ 98.1799, 0.3108,
0.3341

■ 60.1653, 0.3267,
0.2797

■ 98.5156, 0.3078,
0.3290

■ 50.4202, 0.3337,
0.2598

■ 42.3863, 0.3416,
0.2408

■ 35.9623, 0.3502,
0.2236

■ 31.0361, 0.3593,
0.2094

■ 27.4811, 0.3687,
0.1990

■ 25.1496, 0.3781,
0.1932

■ 23.8598, 0.3871,
0.1922

Harmonies

Analogous

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



85.1514, 0.3072, 0.3158



85.1514, 0.3152, 0.3191



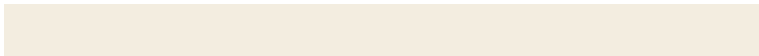
85.1514, 0.3226, 0.3249

Triad

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



85.1514, 0.3152, 0.3191



85.1514, 0.3247, 0.3421



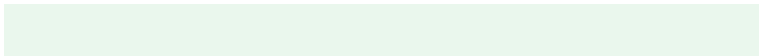
85.1514, 0.2983, 0.3259

Complementary

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



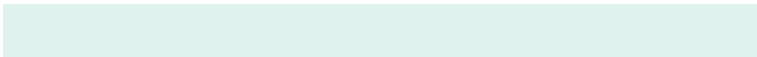
85.1514, 0.3152, 0.3191



90.1348, 0.3103, 0.3391

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.



85.1514, 0.3029, 0.3331



85.1514, 0.3152, 0.3191



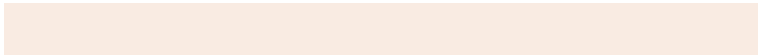
85.1514, 0.3181, 0.3426

Square

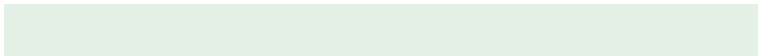
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1514, 0.3152, 0.3191



85.1514, 0.3281, 0.3382



85.1514, 0.3101, 0.3393



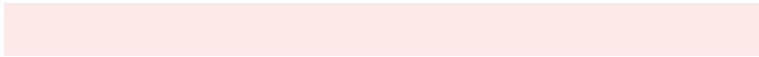
85.1514, 0.2976, 0.3196

Rectangle

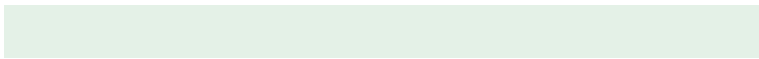
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1514, 0.3152, 0.3191



85.1514, 0.3262, 0.3295



85.1514, 0.3101, 0.3393



85.1514, 0.2995, 0.3283

Sweetspot

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



85.1551, 0.3152, 0.3191



96.7132, 0.3136, 0.3253



83.5378, 0.3066, 0.3159



20.7350, 0.3136, 0.3255



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

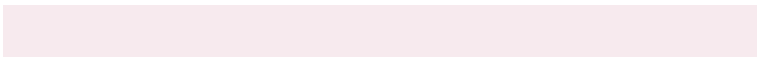
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1551, 0.3152, 0.3191



90.3976, 0.3156, 0.3177



84.7784, 0.3192, 0.3253



17.5298, 0.3159, 0.3165



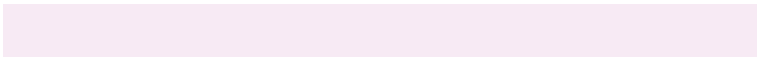
12.4423, 0.3898, 0.1921



1.1091, 0.3794, 0.1864

Inverse Universe

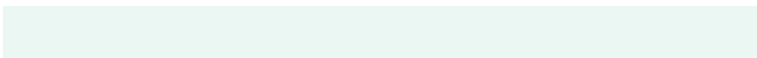
The Inverse Universe completely reimagines the original color for something new.



85.1551, 0.3152, 0.3191



90.3976, 0.3156, 0.3177



90.5100, 0.3066, 0.3327



17.5298, 0.3159, 0.3165



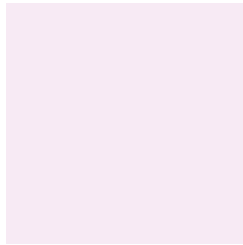
12.4423, 0.3898, 0.1921



1.1091, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 85.1514, 0.3152, 0.3191 looks on a white background.

Color Contrast Check

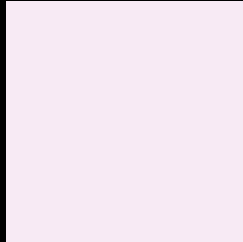
Large Text (above 18pt) WCAG AA × Fail

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 85.1514, 0.3152, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

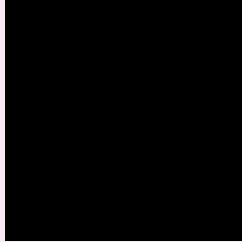
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.1514, 0.3152, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 85.1514, 0.3152, 0.3191.

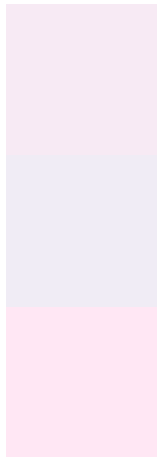


This preview shows how white text looks on a background with the Yxy color 85.1514, 0.3152, 0.3191.

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

85.1514, 0.3152, 0.3191

Protanopia

85.1087, 0.3098, 0.3200

Deuteranopia

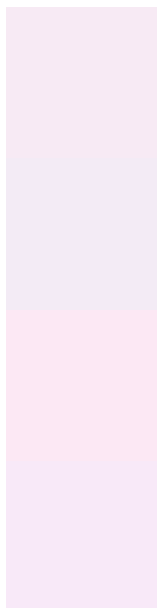
84.9435, 0.3208, 0.3163



Tritanopia

85.1993, 0.3115, 0.3113

Trichromacy



Original Color

85.1514, 0.3152, 0.3191

Protanomaly

85.0639, 0.3119, 0.3190

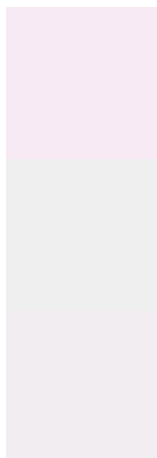
Deuteranomaly

84.9403, 0.3187, 0.3172

Tritanomaly

85.0116, 0.3134, 0.3142

Monochromacy



Original Color

85.1514, 0.3152, 0.3191

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.7965, 0.3136, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1514, 0.3152, 0.3191 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(247, 234, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 244)  
}
```

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(247, 234, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 244) }
```

Border

The CSS property to change the border of an element to Yxy 85.1514, 0.3152, 0.3191 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(247, 234, 244) }
```

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

```
.border{ border-color:rgb(247, 234, 244) }
```

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

Here you see how a box with a 4 pixel rgb(247, 234, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1514, 0.3152, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 244) }
```

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

```
.background{ background-color: rgb(247,  
234, 244) }
```

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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