

Converting Colors

$Yxy(95.2714, 0.3177, 0.3482)$

Have a look what the booklet for
Yxy(95.2714, 0.3177, 0.3482)
contains.

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Color

Yxy(95.2458, 0.3175, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	F3FDEA
RGB	243, 253, 234
RGB Percent	95%, 99%, 92%
CMY	0.0469, 0.0079, 0.0823
CMYK	0.04, 0.00, 0.08, 0.01
HSL	92°, 83%, 95%
HSV	92°, 8%, 99%
XYZ	86.9481, 95.2458, 91.6583
YIQ	247.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

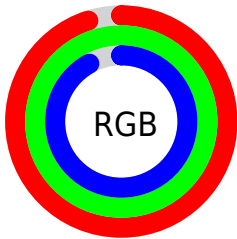
Format	Color
R_{YB}	234, 253, 244
Decimal	15990250
CIE Lab	98.13, -6.57, 7.94
CIE LCh	98, 10.304, 129.631
Yxy	95.2458, 0.3175, 0.3478
Android (android.graphics.Color)	4294180330 (0xFFFF3FDEA)
YUV	247.8440, -6.8251, -4.2482
Hunter-Lab	97.5940, -11.7608, 12.6318

Details

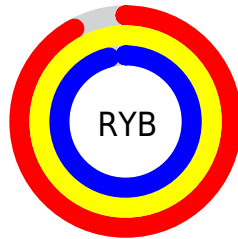
The Yxy color 95.2458, 0.3175, 0.3478 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.1806, 0.3076, 0.3102, and the grayscale version is 93.7989, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2590, 0.3189, 0.3518 is the 20% darker color. If you saturate the color by 10%, you get 91.6179, 0.3238, 0.3748, and if you desaturate by 10%, it is 98.7283, 0.3128, 0.3271.

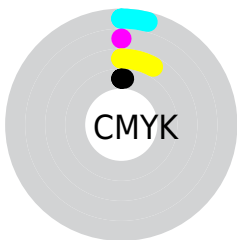
Distribution



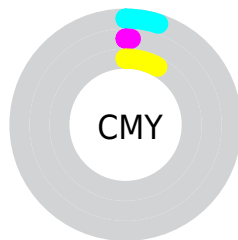
- Red (95%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)




- Cyan (5%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2458, 0.3175, 0.3478 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 95.2458, 0.3175, 0.3478 by changing the saturation by 10% instead.


 95.2458, 0.3175,
0.3478

 95.2458, 0.3175,
0.3478


544.9516, 0.3154,
0.3394

 72.3396, 0.3179,
0.3496

154.6041, 0.3168,
0.3450

 53.4361, 0.3185,
0.3519


191.8250, 0.3165,
0.3438

 38.1510, 0.3191,
0.3547


234.5863, 0.3163,
0.3429

 26.0999, 0.3199,
0.3582

283.2723, 0.3161,
0.3420

 16.8984, 0.3210,
0.3630

338.2674, 0.3159,
0.3412

 10.1621, 0.3223,
0.3695

399.9561, 0.3157,

 5.5066, 0.3243,

0.3406

0.3791

468.7227, 0.3156,
0.3400

■ 2.5474, 0.3271,
0.3947

■ 0.9003, 0.3440,
0.4455

■ 95.2458, 0.3175,
0.3478

■ 95.2458, 0.3175,
0.3478

■ 91.6179, 0.3238,
0.3748

98.7283, 0.3128,
0.3271

■ 88.3523, 0.3298,
0.4038

■ 85.4401, 0.3352,
0.4341

■ 82.8673, 0.3395,
0.4646

■ 80.6188, 0.3423,
0.4942

■ 78.6782, 0.3432,
0.5211

■ 77.0271, 0.3420,
0.5438

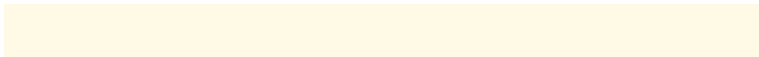
■ 75.6446, 0.3386,
0.5610

■ 74.5043, 0.3333,
0.5724

Harmonies

Analogous

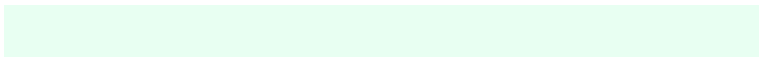
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2458, 0.3278, 0.3485



95.2458, 0.3175, 0.3478



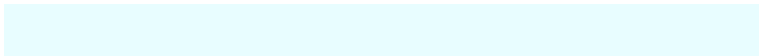
95.2458, 0.3061, 0.3418

Triad

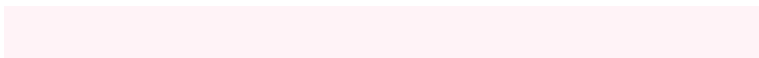
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2458, 0.3175, 0.3478



95.2458, 0.2918, 0.3138



95.2458, 0.3291, 0.3256

Complementary

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



95.2458, 0.3175, 0.3478



85.1806, 0.3076, 0.3102

Split Complementary

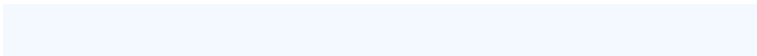
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2458, 0.3192, 0.3168



95.2458, 0.3175, 0.3478



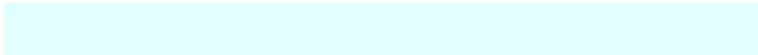
95.2458, 0.2977, 0.3099

Square

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



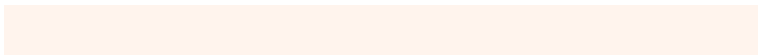
95.2458, 0.3175, 0.3478



95.2458, 0.2914, 0.3219



95.2458, 0.3076, 0.3110



95.2458, 0.3346, 0.3355

Rectangle

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



95.2458, 0.3175, 0.3478



95.2458, 0.2994, 0.3356



95.2458, 0.3076, 0.3110



95.2458, 0.3261, 0.3224

Sweetspot

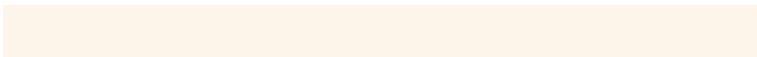
The Sweet Spot groups the original color and five complimentary colors.



95.2499, 0.3175, 0.3478



99.1713, 0.3140, 0.3339



91.4200, 0.3247, 0.3386



21.2354, 0.3139, 0.3336



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.



95.2499, 0.3175, 0.3478



96.3939, 0.3185, 0.3517



93.7043, 0.3116, 0.3478



20.5910, 0.3188, 0.3531



39.5841, 0.3331, 0.5737



3.9186, 0.3417, 0.5669

Inverse Universe

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



85.1806, 0.3076, 0.3102



84.2133, 0.3065, 0.3063



86.8114, 0.3138, 0.3109



17.8473, 0.3062, 0.3050



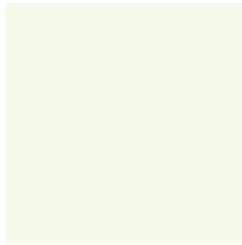
6.5084, 0.2071, 0.0915



0.6988, 0.2191, 0.0981

Previews

White Background



This preview shows how the Yxy color 95.2458, 0.3175, 0.3478 looks on a white background.

Color Contrast Check

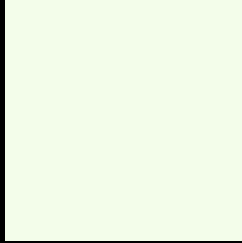
Large Text (above 18pt) WCAG AA × Fail

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 95.2458, 0.3175, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

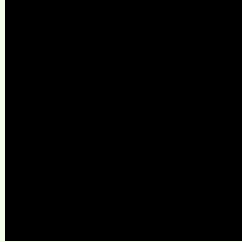
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

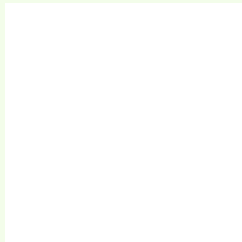
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2458, 0.3175, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 95.2458, 0.3175, 0.3478.

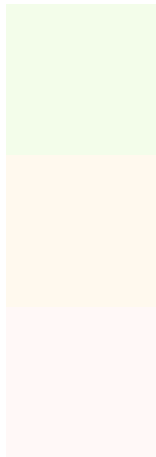


This preview shows how white text looks on a background with the Yxy color 95.2458, 0.3175, 0.3478.

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

95.2458, 0.3175, 0.3478

Protanopia

95.1844, 0.3231, 0.3397

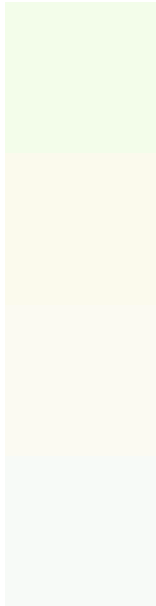
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.2458, 0.3175, 0.3478

Protanomaly

94.9949, 0.3211, 0.3417

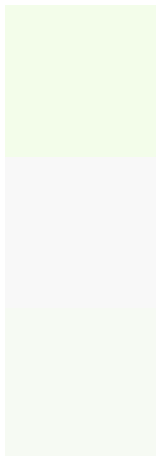
Deuteranomaly

95.2912, 0.3181, 0.3368

Tritanomaly

94.8608, 0.3126, 0.3319

Monochromacy



Original Color

95.2458, 0.3175, 0.3478

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.4351, 0.3143, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2458, 0.3175, 0.3478 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(243, 253, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 253, 234)  
}
```

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(243, 253, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 253, 234) }
```

Border

The CSS property to change the border of an element to Yxy 95.2458, 0.3175, 0.3478 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(243, 253, 234) }
```

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

```
.border{ border-color:rgb(243, 253, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 253, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 253, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 253, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 253,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2458, 0.3175, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 253, 234) }
```

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

```
.background{ background-color: rgb(243,  
253, 234) }
```

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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