

Converting Colors

Yxy(97.9398, 0.3192, 0.3455)

Have a look what the booklet for
Yxy(97.9398, 0.3192, 0.3455)
contains.

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Color

Yxy(98.0170, 0.3194, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFEE
RGB	250, 255, 238
RGB Percent	98%, 100%, 93%
CMY	0.0197, 0.0000, 0.0665
CMYK	0.02, 0.00, 0.07, 0.00
HSL	78°, 100%, 97%
HSV	78°, 7%, 100%
XYZ	90.6125, 98.0170, 95.0666
YIQ	251.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

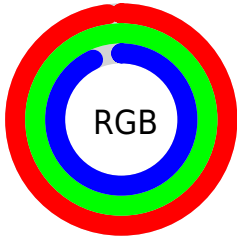
Format	Color
R _Y B	238, 255, 243
Decimal	16449518
CIE Lab	99.23, -4.57, 7.51
CIE LCh	99, 8.796, 121.324
Yxy	98.0170, 0.3194, 0.3455
Android (android.graphics.Color)	4294639598 (0xFFFAFFEE)
YUV	251.5670, -6.6885, -1.3743
Hunter-Lab	99.0035, -9.8849, 12.3702

Details

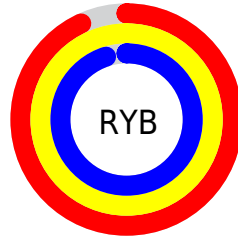
The Yxy color 98.0170, 0.3194, 0.3455 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.4652, 0.3057, 0.3123, and the grayscale version is 97.0152, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.2349, 0.3213, 0.3488 is the 20% darker color. If you saturate the color by 10%, you get 95.2478, 0.3296, 0.3716, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

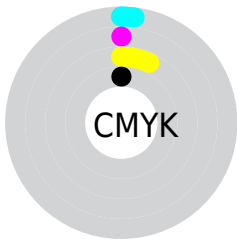
Distribution



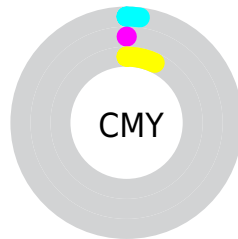
- Red (98%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.0170, 0.3194, 0.3455 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 98.0170, 0.3194, 0.3455 by changing the saturation by 10% instead.


 98.0170, 0.3194,
0.3455

 98.0170, 0.3194,
0.3455

553.7792, 0.3165,
0.3382

 74.6486, 0.3200,
0.3471


158.4262, 0.3184,
0.3430

 55.3250, 0.3208,
0.3490

196.2358, 0.3180,
0.3421

 39.6620, 0.3217,
0.3514


239.6278, 0.3177,
0.3412

 27.2751, 0.3229,
0.3545

288.9867, 0.3174,
0.3405

 17.7799, 0.3244,
0.3585

344.6969, 0.3171,
0.3398

 10.7921, 0.3264,
0.3640

407.1428, 0.3169,

 5.9272, 0.3292,

0.3392

0.3719

476.7087, 0.3167,
0.3387

■ 2.8009, 0.3335,
0.3846

■ 1.0287, 0.3472,
0.4156

■ 98.0170, 0.3194,
0.3455

■ 98.0170, 0.3194,
0.3455

■ 95.2478, 0.3296,
0.3716

100.0000, 0.3127,
0.3290

■ 92.7413, 0.3396,
0.3990


■ 90.4835, 0.3490,
0.4268


■ 88.4636, 0.3574,
0.4541

 86.6697, 0.3642,
0.4798

 85.0887, 0.3689,
0.5027

 83.7057, 0.3712,
0.5215

 82.5035, 0.3708,
0.5355

 81.4605, 0.3680,
0.5446

Harmonies

Analogous

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



98.0170, 0.3274, 0.3448



98.0170, 0.3194, 0.3455



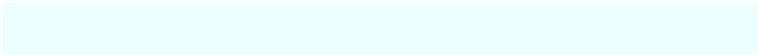
98.0170, 0.3097, 0.3416

Triad

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



98.0170, 0.3194, 0.3455



98.0170, 0.2944, 0.3177



98.0170, 0.3245, 0.3239

Complementary

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



98.0170, 0.3194, 0.3455



87.4652, 0.3057, 0.3123

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.



98.0170, 0.3155, 0.3169



98.0170, 0.3194, 0.3455



98.0170, 0.2982, 0.3133

Square

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



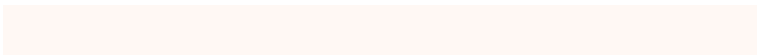
98.0170, 0.3194, 0.3455



98.0170, 0.2954, 0.3253



98.0170, 0.3059, 0.3131



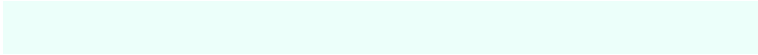
98.0170, 0.3304, 0.3323

Rectangle

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



98.0170, 0.3194, 0.3455



98.0170, 0.3037, 0.3369



98.0170, 0.3059, 0.3131



98.0170, 0.3217, 0.3213

Sweetspot

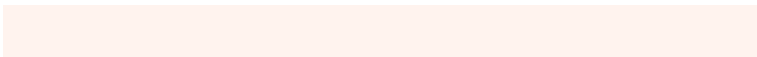
The Sweet Spot groups the original color and five complimentary colors.



98.0133, 0.3194, 0.3455



99.3897, 0.3147, 0.3339



91.4471, 0.3236, 0.3337



21.2799, 0.3146, 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.



98.0133, 0.3194, 0.3455



97.6241, 0.3208, 0.3489



96.5234, 0.3142, 0.3457



20.8041, 0.3223, 0.3528



42.4764, 0.3677, 0.5463



4.1924, 0.3737, 0.5415

Inverse Universe

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



87.4652, 0.3057, 0.3123



85.0486, 0.3042, 0.3088



88.9660, 0.3111, 0.3126



17.6391, 0.3025, 0.3047



4.6365, 0.1696, 0.0708



0.5051, 0.1813, 0.0772

Previews

White Background



This preview shows how the Yxy color 98.0170, 0.3194, 0.3455 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 98.0170, 0.3194, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

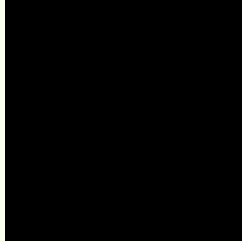
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.0170, 0.3194, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 98.0170, 0.3194, 0.3455.



This preview shows how white text looks on a background with the Yxy color 98.0170, 0.3194, 0.3455.

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

The image shows three vertical color swatches. The top one is a light yellow-green, the middle one is a light orange, and the bottom one is a light pink. To the right of each swatch is text describing the color and its corresponding LMS values.

Original Color

98.0170, 0.3194, 0.3455

Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy



Original Color

98.0170, 0.3194, 0.3455

Protanomaly

97.6649, 0.3180, 0.3377

Deuteranomaly

97.8486, 0.3162, 0.3348

Tritanomaly

97.7856, 0.3144, 0.3328

Monochromacy



Original Color

98.0170, 0.3194, 0.3455



Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.4752, 0.3149, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.0170, 0.3194, 0.3455 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(250, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 238)  
}
```

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(250, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 238) }
```

Border

The CSS property to change the border of an element to Yxy 98.0170, 0.3194, 0.3455 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(250, 255, 238) }
```

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

```
.border{ border-color:rgb(250, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 98.0170, 0.3194, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 238) }
```

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

```
.background{ background-color: rgb(250,  
255, 238) }
```

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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