

Converting Colors

$Y_{xy}(94.0590, 0.3199, 0.3653)$

Have a look what the booklet for
Yxy(94.0590, 0.3199, 0.3653)
contains.

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Color

Yxy(94.1269, 0.3204, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFDB
RGB	234, 255, 219
RGB Percent	92%, 100%, 86%
CMY	0.0822, 0.0000, 0.1411
CMYK	0.08, 0.00, 0.14, 0.00
HSL	95°, 100%, 93%
HSV	95°, 14%, 100%
XYZ	82.4898, 94.1269, 80.8420
YIQ	244.6170, -0.9600, -15.6480

Conversions

Conversions Part 2

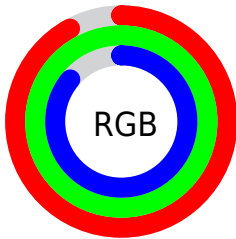
Format	Color
R _Y B	219, 255, 240
Decimal	15400923
CIE Lab	97.68, -13.08, 14.90
CIE LCh	98, 19.830, 131.272
Yxy	94.1269, 0.3204, 0.3656
Android (android.graphics.Color)	4293591003 (0xFFEAF _F DB)
YUV	244.6170, -12.6292, -9.3111
Hunter-Lab	97.0190, -18.0149, 18.5093

Details

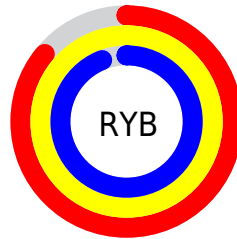
The Yxy color $94.1269, 0.3204, 0.3656$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $76.4033, 0.3040, 0.2929$, and the grayscale version is $91.0994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $52.5335, 0.3217, 0.3735$ is the 20% darker color. If you saturate the color by 10%, you get $90.4806, 0.3256, 0.3943$, and if you desaturate by 10%, it is $98.1975, 0.3150, 0.3392$.

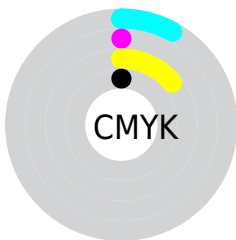
Distribution



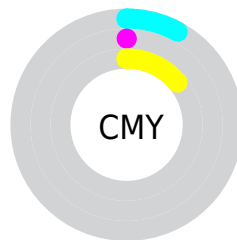
- Red (92%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1269, 0.3204, 0.3656 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 94.1269, 0.3204, 0.3656 by changing the saturation by 10% instead.

 94.1269, 0.3204,
0.3656

 94.1269, 0.3204,
0.3656

541.3661, 0.3172,
0.3491

 71.4085, 0.3211,
0.3693


153.0578, 0.3193,
0.3599

 52.6756, 0.3218,
0.3738

190.0392, 0.3189,
0.3577

 37.5439, 0.3228,
0.3794


232.5436, 0.3185,
0.3558

 25.6289, 0.3239,
0.3866

280.9555, 0.3182,
0.3541

 16.5462, 0.3253,
0.3962

335.6593, 0.3179,
0.3526

 9.9115, 0.3270,
0.4096

397.0394, 0.3176,

 5.3403, 0.3290,

0.3513

0.4296

465.4802, 0.3174,
0.3501

■ 2.4483, 0.3310,
0.4623

■ 0.8506, 0.3651,
0.6349

■ 94.1269, 0.3204,
0.3656

■ 94.1269, 0.3204,
0.3656

■ 90.4806, 0.3256,
0.3943

■ 98.1975, 0.3150,
0.3392

■ 87.2320, 0.3303,
0.4247

99.9956, 0.3127,
0.3290

■ 84.3697, 0.3341,
0.4561

■ 81.8773, 0.3365,
0.4870

■ 79.7368, 0.3374,
0.5160

■ 77.9286, 0.3363,
0.5412

■ 76.4305, 0.3331,
0.5611

■ 75.2163, 0.3282,
0.5747

■ 74.6152, 0.3248,
0.5803

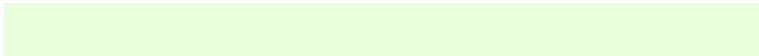
Harmonies

Analogous

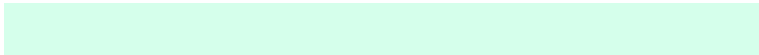
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1269, 0.3407, 0.3671



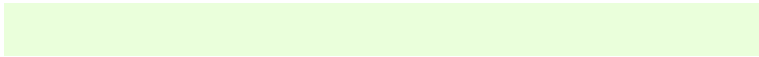
94.1269, 0.3204, 0.3656



94.1269, 0.2985, 0.3532

Triad

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



94.1269, 0.3204, 0.3656



94.1269, 0.2731, 0.2988



94.1269, 0.3453, 0.3232

Complementary

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



94.1269, 0.3204, 0.3656



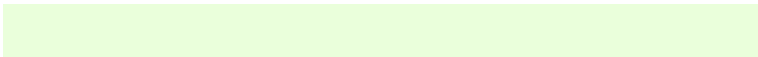
76.4033, 0.3040, 0.2929

Split Complementary

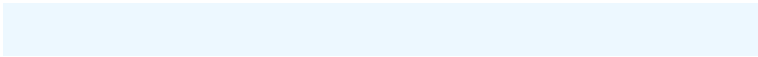
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1269, 0.3261, 0.3065



94.1269, 0.3204, 0.3656



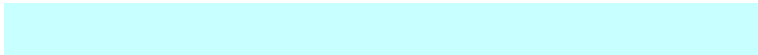
94.1269, 0.2846, 0.2925

Square

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



94.1269, 0.3204, 0.3656



94.1269, 0.2718, 0.3137



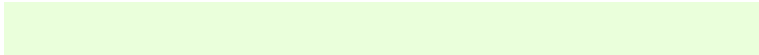
94.1269, 0.3039, 0.2954



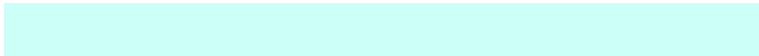
94.1269, 0.3555, 0.3419

Rectangle

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



94.1269, 0.3204, 0.3656



94.1269, 0.2860, 0.3406



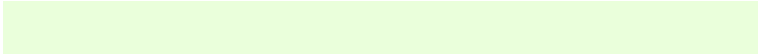
94.1269, 0.3039, 0.2954



94.1269, 0.3396, 0.3173

Sweetspot

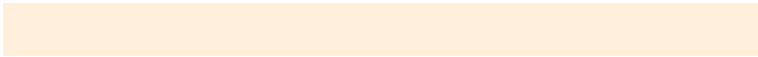
The Sweet Spot groups the original color and five complimentary colors.



94.1310, 0.3204, 0.3656



98.2517, 0.3149, 0.3389



88.3406, 0.3361, 0.3493



20.9612, 0.3153, 0.3408



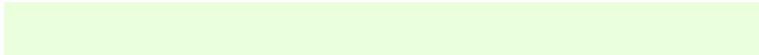
0.0000, 0.0000, 0.0000



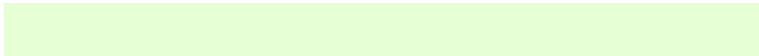
21.4041, 0.3127, 0.3290

Same Dimension

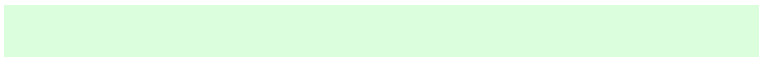
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1310, 0.3204, 0.3656



93.0405, 0.3219, 0.3737



91.8189, 0.3096, 0.3641



20.5390, 0.3179, 0.3531



39.0734, 0.3260, 0.5793



3.8669, 0.3348, 0.5724

Inverse Universe

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



76.4033, 0.3040, 0.2929



72.1163, 0.3019, 0.2850



78.9915, 0.3159, 0.2963



17.9000, 0.3071, 0.3051



7.1726, 0.2190, 0.0980



0.7626, 0.2302, 0.1042

Previews

White Background



This preview shows how the Yxy color 94.1269, 0.3204, 0.3656 looks on a white background.

Color Contrast Check

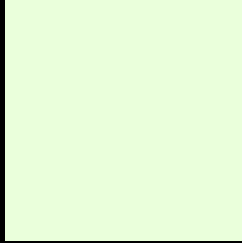
Large Text (above 18pt) WCAG AA × Fail

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 94.1269, 0.3204, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

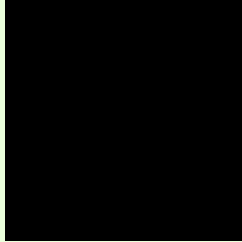
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

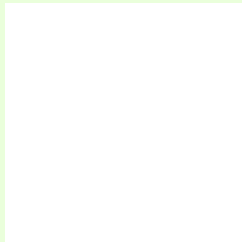
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1269, 0.3204, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 94.1269, 0.3204, 0.3656.

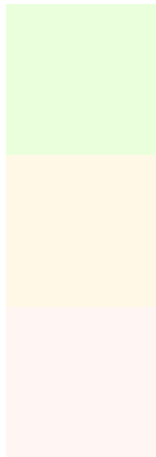


This preview shows how white text looks on a background with the Yxy color 94.1269, 0.3204, 0.3656.

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

94.1269, 0.3204, 0.3656

Protanopia

94.1080, 0.3281, 0.3466

Deuteranopia

93.6426, 0.3203, 0.3319

Tritanopia

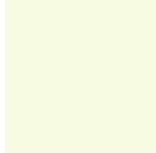
93.9476, 0.3074, 0.3222

Trichromacy



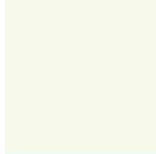
Original Color

94.1269, 0.3204, 0.3656



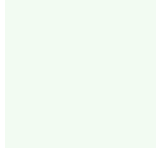
Protanomaly

94.2595, 0.3250, 0.3538



Deuteranomaly

93.4660, 0.3203, 0.3438



Tritanomaly

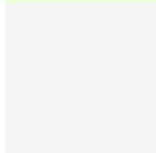
94.2824, 0.3123, 0.3379

Monochromacy



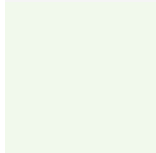
Original Color

94.1269, 0.3204, 0.3656



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5083, 0.3153, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1269, 0.3204, 0.3656 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(234, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 219)  
}
```

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(234, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 94.1269, 0.3204, 0.3656 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(234, 255, 219) }
```

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

```
.border{ border-color:rgb(234, 255, 219) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1269, 0.3204, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 219) }
```

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

```
.background{ background-color: rgb(234,  
255, 219) }
```

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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