

Converting Colors

$Yxy(94.6792, 0.3263, 0.3705)$

Have a look what the booklet for
Yxy(94.6792, 0.3263, 0.3705)
contains.

Yxy(94.7258, 0.3265, 0.3704)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.7258, 0.3265, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFD6
RGB	239, 255, 214
RGB Percent	94%, 100%, 84%
CMY	0.0627, 0.0000, 0.1607
CMYK	0.06, 0.00, 0.16, 0.00
HSL	83°, 100%, 92%
HSV	83°, 16%, 100%
XYZ	83.4988, 94.7258, 77.5146
YIQ	245.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

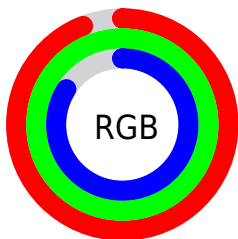
Format	Color
R _Y B	214, 255, 230
Decimal	15728598
CIE Lab	97.92, -12.18, 17.84
CIE LCh	98, 21.600, 124.327
Yxy	94.7258, 0.3265, 0.3704
Android (android.graphics.Color)	4293918678 (0xFFEFFF6)
YUV	245.5420, -15.5502, -5.7373
Hunter-Lab	97.3272, -17.1840, 20.9085

Details

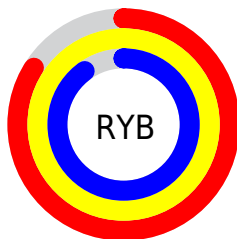
The Yxy color **94.7258, 0.3265, 0.3704** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.1488, 0.2972, 0.2869**, and the grayscale version is **91.8997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.9586, 0.3295, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **91.8416, 0.3349, 0.3983**, and if you desaturate by 10%, it is **97.9154, 0.3179, 0.3441**.

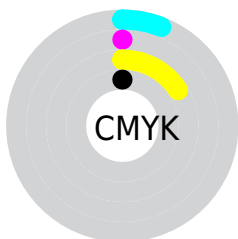
Distribution



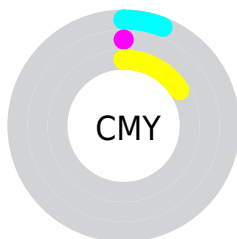
- Red (94%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7258, 0.3265, 0.3704 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 94.7258, 0.3265, 0.3704 by changing the saturation by 10% instead.

94.7258, 0.3265,
0.3704

94.7258, 0.3265,
0.3704

543.2868, 0.3206,
0.3518

71.9068, 0.3277,
0.3745

153.8857, 0.3246,
0.3640

53.0825, 0.3292,
0.3796

190.9954, 0.3238,
0.3615

37.8687, 0.3310,
0.3859

233.6375, 0.3231,
0.3594

25.8808, 0.3331,
0.3940

282.1963, 0.3225,
0.3575

16.7345, 0.3359,
0.4047

337.0562, 0.3219,
0.3558

10.0454, 0.3393,
0.4196

398.6017, 0.3215,

5.4290, 0.3437,

0.3543

0.4415

467.2171, 0.3210,
0.3530

■ 2.5011, 0.3491,
0.4768

■ 0.8772, 0.3795,
0.6205

■ 94.7258, 0.3265,
0.3704

■ 94.7258, 0.3265,
0.3704

■ 91.8416, 0.3349,
0.3983

■ 97.9154, 0.3179,
0.3441

■ 89.2427, 0.3427,
0.4271

100.0000, 0.3127,
0.3290

■ 86.9203, 0.3495,
0.4558

■ 84.8618, 0.3548,
0.4833

■ 83.0530, 0.3580,
0.5082

■ 81.4785, 0.3589,
0.5292

■ 80.1200, 0.3573,
0.5452

■ 78.9556, 0.3534,
0.5559

■ 78.5388, 0.3515,
0.5591

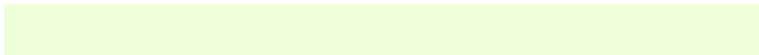
Harmonies

Analogous

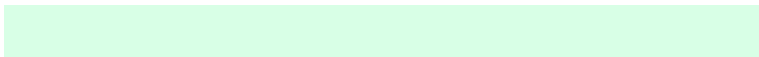
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7258, 0.3473, 0.3691



94.7258, 0.3265, 0.3704



94.7258, 0.3026, 0.3594

Triad

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



94.7258, 0.3265, 0.3704



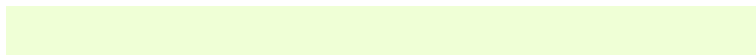
94.7258, 0.2684, 0.2991



94.7258, 0.3440, 0.3182

Complementary

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



94.7258, 0.3265, 0.3704



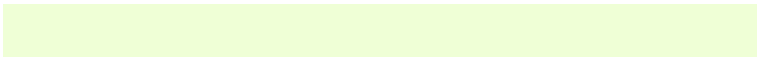
72.1488, 0.2972, 0.2869

Split Complementary

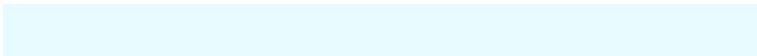
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7258, 0.3217, 0.3012



94.7258, 0.3265, 0.3704



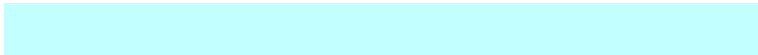
94.7258, 0.2784, 0.2900

Square

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



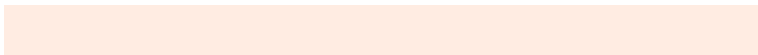
94.7258, 0.3265, 0.3704



94.7258, 0.2696, 0.3170



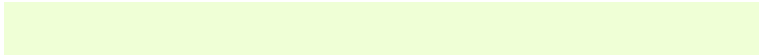
94.7258, 0.2977, 0.2910



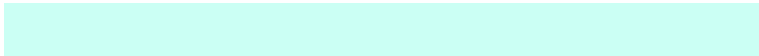
94.7258, 0.3578, 0.3382

Rectangle

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



94.7258, 0.3265, 0.3704



94.7258, 0.2881, 0.3467



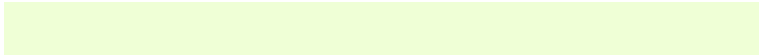
94.7258, 0.2977, 0.2910



94.7258, 0.3372, 0.3120

Sweetspot

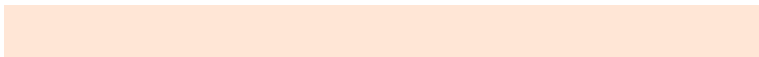
The Sweet Spot groups the original color and five complimentary colors.



94.7289, 0.3265, 0.3704



98.2745, 0.3170, 0.3414



82.5597, 0.3408, 0.3448



20.9842, 0.3176, 0.3431



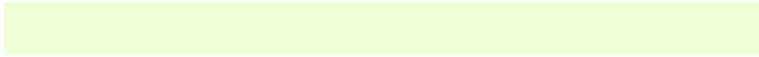
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

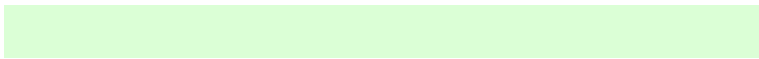
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7289, 0.3265, 0.3704



93.8524, 0.3290, 0.3784



91.4056, 0.3136, 0.3721



20.7163, 0.3209, 0.3529



41.1271, 0.3526, 0.5583



4.0676, 0.3600, 0.5523

Inverse Universe

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



72.1488, 0.2972, 0.2869



67.7085, 0.2939, 0.2786



75.6887, 0.3112, 0.2887



17.7233, 0.3040, 0.3049



5.2532, 0.1827, 0.0780



0.5724, 0.1952, 0.0849

Previews

White Background



This preview shows how the Yxy color 94.7258, 0.3265, 0.3704 looks on a white background.

Color Contrast Check

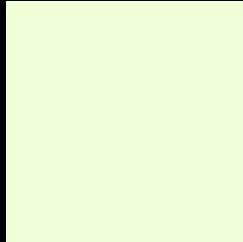
Large Text (above 18pt) WCAG AA × Fail

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 94.7258, 0.3265, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

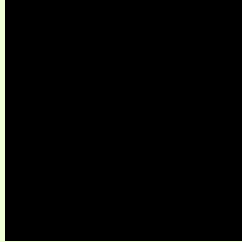
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

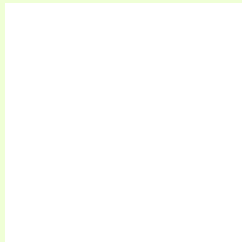
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.7258, 0.3265, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 94.7258, 0.3265, 0.3704.

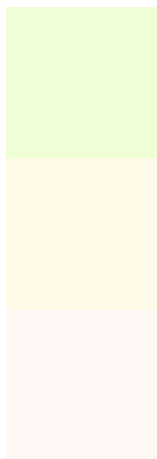


This preview shows how white text looks on a background with the Yxy color 94.7258, 0.3265, 0.3704.

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

94.7258, 0.3265, 0.3704

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.3132, 0.3197, 0.3319

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.7258, 0.3265, 0.3704

Protanomaly

94.5703, 0.3269, 0.3547

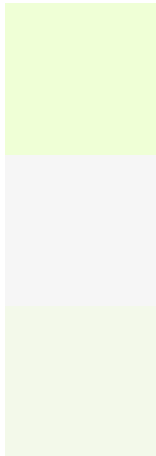
Deuteranomaly

94.3941, 0.3222, 0.3457

Tritanomaly

94.6981, 0.3154, 0.3398

Monochromacy



Original Color

94.7258, 0.3265, 0.3704

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7466, 0.3178, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7258, 0.3265, 0.3704 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, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 214)  
}
```

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, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 94.7258, 0.3265, 0.3704 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, 255, 214) }
```

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

```
.border{ border-color:rgb(239, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7258, 0.3265, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 214) }
```

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

```
.background{ background-color: rgb(239,  
255, 214) }
```

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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