

Converting Colors

$Yxy(94.6718, 0.3255, 0.3694)$

Have a look what the booklet for
Yxy(94.6718, 0.3255, 0.3694)
contains.

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Color

Yxy(94.6034, 0.3253, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFD7
RGB	238, 255, 215
RGB Percent	93%, 100%, 84%
CMY	0.0666, 0.0000, 0.1570
CMYK	0.07, 0.00, 0.16, 0.00
HSL	85°, 100%, 92%
HSV	85°, 16%, 100%
XYZ	83.2868, 94.6034, 78.1406
YIQ	245.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

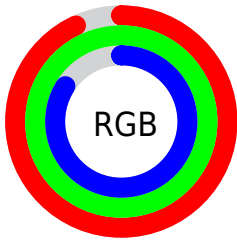
Format	Color
R _Y B	215, 255, 232
Decimal	15663063
CIE Lab	97.87, -12.37, 17.27
CIE LCh	98, 21.249, 125.617
Yxy	94.6034, 0.3253, 0.3695
Android (android.graphics.Color)	4293853143 (0xFFEEFFD7)
YUV	245.3570, -14.9660, -6.4521
Hunter-Lab	97.2643, -17.3640, 20.4523

Details

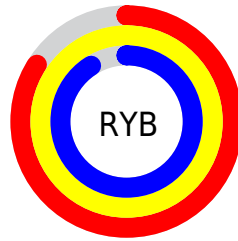
The Yxy color **94.6034, 0.3253, 0.3695** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.9550, 0.2985, 0.2881**, and the grayscale version is **91.7355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8713, 0.3279, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **91.5781, 0.3331, 0.3975**, and if you desaturate by 10%, it is **97.9491, 0.3173, 0.3431**.

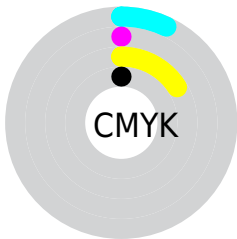
Distribution



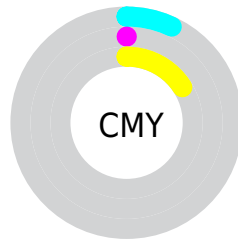
- Red (93%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6034, 0.3253, 0.3695 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 94.6034, 0.3253, 0.3695 by changing the saturation by 10% instead.


 94.6034, 0.3253,
0.3695

 94.6034, 0.3253,
0.3695


542.8945, 0.3199,
0.3513

 71.8049, 0.3264,
0.3736


153.7166, 0.3235,
0.3633

 52.9993, 0.3277,
0.3785


190.8001, 0.3228,
0.3608

 37.8022, 0.3294,
0.3847


233.4140, 0.3222,
0.3587

 25.8292, 0.3313,
0.3926

281.9428, 0.3216,
0.3568

 16.6959, 0.3338,
0.4031

336.7709, 0.3211,
0.3552

 10.0179, 0.3369,
0.4177

398.2826, 0.3207,

 5.4109, 0.3409,

0.3537

0.4393

466.8623, 0.3203,
0.3524

■ 2.4903, 0.3455,
0.4742

■ 0.8718, 0.3765,
0.6235

■ 94.6034, 0.3253,
0.3695

■ 94.6034, 0.3253,
0.3695

■ 91.5781, 0.3331,
0.3975

■ 97.9491, 0.3173,
0.3431

■ 88.8564, 0.3404,
0.4266

100.0000, 0.3127,
0.3290

■ 86.4280, 0.3466,
0.4559

■ 84.2797, 0.3514,
0.4840

■ 82.3971, 0.3542,
0.5097

■ 80.7640, 0.3546,
0.5315

■ 79.3620, 0.3527,
0.5483

■ 78.1685, 0.3484,
0.5596

■ 77.7060, 0.3462,
0.5633

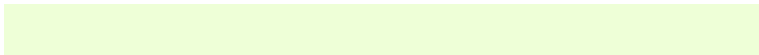
Harmonies

Analogous

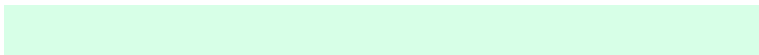
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6034, 0.3460, 0.3687



94.6034, 0.3253, 0.3695



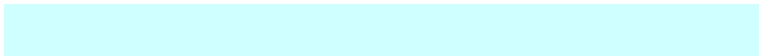
94.6034, 0.3018, 0.3582

Triad

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



94.6034, 0.3253, 0.3695



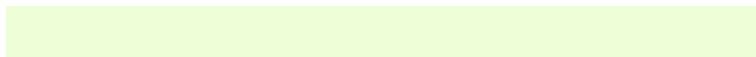
94.6034, 0.2693, 0.2990



94.6034, 0.3443, 0.3192

Complementary

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



94.6034, 0.3253, 0.3695



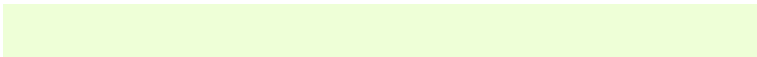
72.9550, 0.2985, 0.2881

Split Complementary

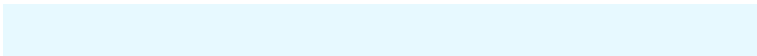
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6034, 0.3226, 0.3022



94.6034, 0.3253, 0.3695



94.6034, 0.2796, 0.2905

Square

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



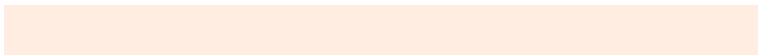
94.6034, 0.3253, 0.3695



94.6034, 0.2700, 0.3163



94.6034, 0.2989, 0.2918



94.6034, 0.3574, 0.3390

Rectangle

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



94.6034, 0.3253, 0.3695



94.6034, 0.2876, 0.3455



94.6034, 0.2989, 0.2918



94.6034, 0.3377, 0.3130

Sweetspot

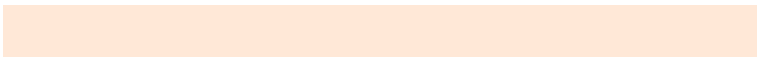
The Sweet Spot groups the original color and five complimentary colors.



94.6052, 0.3253, 0.3695



98.1943, 0.3167, 0.3414



83.6816, 0.3399, 0.3457



20.9647, 0.3173, 0.3431



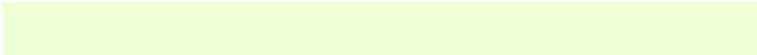
0.0000, 0.0000, 0.0000



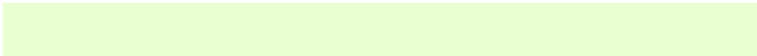
21.4041, 0.3127, 0.3290

Same Dimension

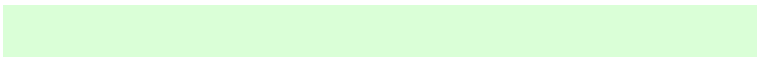
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6052, 0.3253, 0.3695



93.5708, 0.3279, 0.3786



91.3778, 0.3128, 0.3711



20.6845, 0.3203, 0.3529



40.6929, 0.3473, 0.5624



4.0265, 0.3552, 0.5562

Inverse Universe

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



72.9550, 0.2985, 0.2881



67.9759, 0.2951, 0.2787



76.4397, 0.3122, 0.2897



17.7544, 0.3045, 0.3049



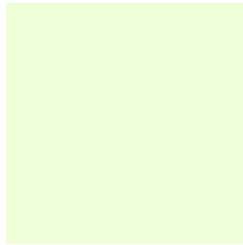
5.5281, 0.1882, 0.0811



0.6010, 0.2008, 0.0880

Previews

White Background



This preview shows how the Yxy color 94.6034, 0.3253, 0.3695 looks on a white background.

Color Contrast Check

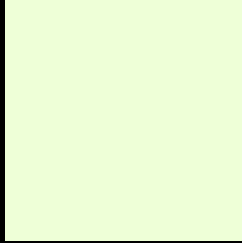
Large Text (above 18pt) WCAG AA × Fail

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 94.6034, 0.3253, 0.3695 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

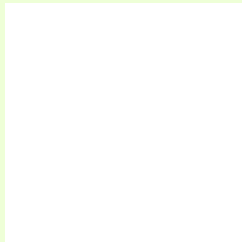
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6034, 0.3253, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 94.6034, 0.3253, 0.3695.

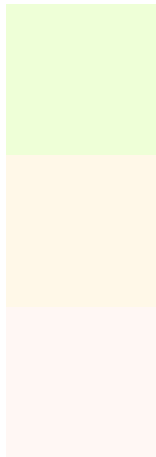


This preview shows how white text looks on a background with the Yxy color 94.6034, 0.3253, 0.3695.

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

94.6034, 0.3253, 0.3695

Protanopia

94.2210, 0.3269, 0.3446

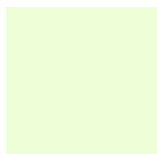
Deuteranopia

94.3132, 0.3197, 0.3319

Tritanopia

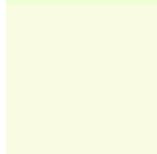
94.3113, 0.3086, 0.3222

Trichromacy



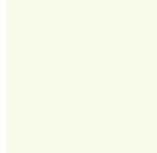
Original Color

94.6034, 0.3253, 0.3695



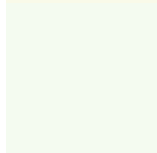
Protanomaly

94.6251, 0.3263, 0.3537



Deuteranomaly

94.3941, 0.3222, 0.3457



Tritanomaly

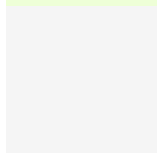
94.5187, 0.3147, 0.3398

Monochromacy



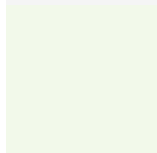
Original Color

94.6034, 0.3253, 0.3695



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5691, 0.3171, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6034, 0.3253, 0.3695 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(238, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 215)  
}
```

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(238, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 215) }
```

Border

The CSS property to change the border of an element to Yxy 94.6034, 0.3253, 0.3695 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(238, 255, 215) }
```

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

```
.border{ border-color:rgb(238, 255, 215) }
```

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

Here you see how a box with a 4 pixel rgb(238, 255, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6034, 0.3253, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 215) }
```

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

```
.background{ background-color: rgb(238,  
255, 215) }
```

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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