

Converting Colors

$Yxy(96.4992, 0.3164, 0.3486)$

Have a look what the booklet for
Yxy(96.4992, 0.3164, 0.3486)
contains.

Yxy(96.5728, 0.3168, 0.3488)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.5728, 0.3168, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFE8
RGB	243, 255, 235
RGB Percent	95%, 100%, 92%
CMY	0.0471, 0.0000, 0.0786
CMYK	0.05, 0.00, 0.08, 0.00
HSL	96°, 100%, 96%
HSV	96°, 8%, 100%
XYZ	87.7129, 96.5728, 92.5858
YIQ	249.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

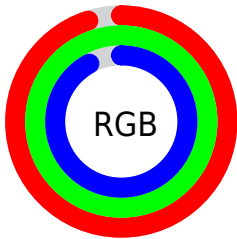
Format	Color
R _Y B	235, 255, 247
Decimal	15990763
CIE Lab	98.66, -7.43, 8.21
CIE LCh	99, 11.072, 132.133
Yxy	96.5728, 0.3168, 0.3488
Android (android.graphics.Color)	4294180843 (0xFFFF3FFEB)
YUV	249.1320, -6.9671, -5.3778
Hunter-Lab	98.2715, -12.6536, 12.9303

Details

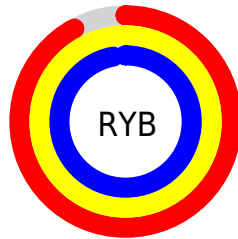
The Yxy color 96.5728, 0.3168, 0.3488 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.3834, 0.3083, 0.3094, and the grayscale version is 94.9003, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2076, 0.3179, 0.3530 is the 20% darker color. If you saturate the color by 10%, you get 92.5962, 0.3219, 0.3762, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

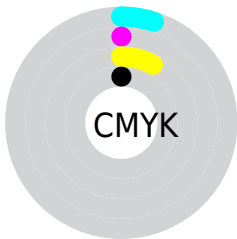
Distribution



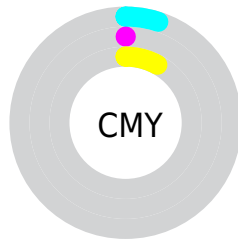
- Red (95%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.5728, 0.3168, 0.3488 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 96.5728, 0.3168, 0.3488 by changing the saturation by 10% instead.


 96.5728, 0.3168,
0.3488

 96.5728, 0.3168,
0.3488

549.1880, 0.3151,
0.3400

 73.4447, 0.3172,
0.3507

156.4357, 0.3162,
0.3458

 54.3397, 0.3176,
0.3531


193.9393, 0.3160,
0.3446

 38.8733, 0.3181,
0.3560


237.0035, 0.3158,
0.3436

 26.6612, 0.3188,
0.3598

286.0128, 0.3156,
0.3427

 17.3189, 0.3196,
0.3647

341.3515, 0.3154,
0.3419

 10.4621, 0.3208,
0.3715

403.4040, 0.3153,

 5.7064, 0.3223,

0.3412

0.3815

472.5547, 0.3152,
0.3406

■ 2.6674, 0.3244,
0.3977

■ 0.9607, 0.3378,
0.4447

■ 96.5728, 0.3168,
0.3488

■ 96.5728, 0.3168,
0.3488

■ 92.5962, 0.3219,
0.3762

100.0000, 0.3127,
0.3290

■ 89.0443, 0.3267,
0.4057

■ 85.9001, 0.3308,
0.4368

■ 83.1471, 0.3338,
0.4684

■ 80.7680, 0.3355,
0.4991

■ 78.7435, 0.3355,
0.5271

■ 77.0527, 0.3334,
0.5507

■ 75.6713, 0.3295,
0.5684

■ 74.5690, 0.3241,
0.5798

Harmonies

Analogous

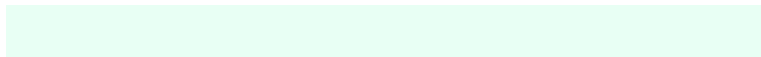
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5728, 0.3280, 0.3501



96.5728, 0.3168, 0.3488



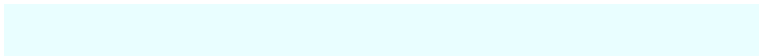
96.5728, 0.3046, 0.3419

Triad

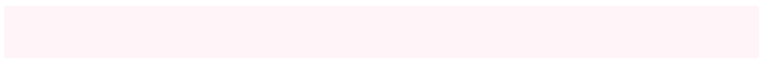
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.5728, 0.3168, 0.3488



96.5728, 0.2906, 0.3122



96.5728, 0.3309, 0.3263

Complementary

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



96.5728, 0.3168, 0.3488



86.3834, 0.3083, 0.3094

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.



96.5728, 0.3206, 0.3166



96.5728, 0.3168, 0.3488



96.5728, 0.2974, 0.3085

Square

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



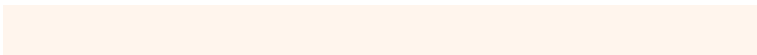
96.5728, 0.3168, 0.3488



96.5728, 0.2897, 0.3205



96.5728, 0.3083, 0.3102



96.5728, 0.3363, 0.3368

Rectangle

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



96.5728, 0.3168, 0.3488



96.5728, 0.2976, 0.3352



96.5728, 0.3083, 0.3102



96.5728, 0.3279, 0.3228

Sweetspot

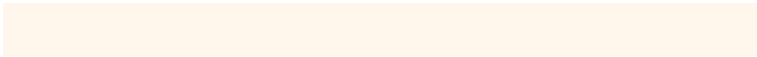
The Sweet Spot groups the original color and five complimentary colors.



96.5709, 0.3168, 0.3488



99.1012, 0.3138, 0.3339



93.5647, 0.3252, 0.3404



21.2212, 0.3137, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

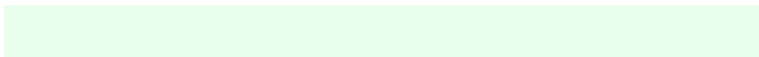
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5709, 0.3168, 0.3488



96.0948, 0.3174, 0.3518



95.2690, 0.3108, 0.3474



20.5236, 0.3177, 0.3531



38.9366, 0.3241, 0.5809



3.8527, 0.3329, 0.5739

Inverse Universe

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



86.3834, 0.3083, 0.3094



84.5171, 0.3076, 0.3064



87.7689, 0.3147, 0.3113



17.9157, 0.3073, 0.3051



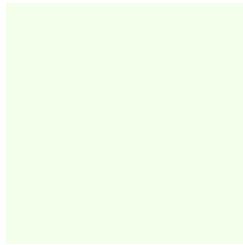
7.3861, 0.2227, 0.1001



0.7828, 0.2336, 0.1061

Previews

White Background



This preview shows how the Yxy color 96.5728, 0.3168, 0.3488 looks on a white background.

Color Contrast Check

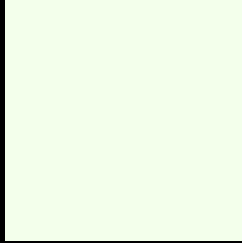
Large Text (above 18pt) WCAG AA × Fail

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 96.5728, 0.3168, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

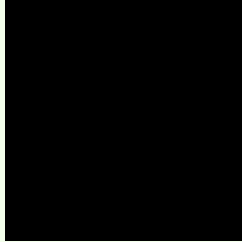
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

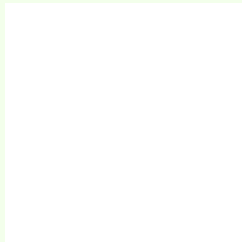
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.5728, 0.3168, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 96.5728, 0.3168, 0.3488.



This preview shows how white text looks on a background with the Yxy color 96.5728, 0.3168, 0.3488.

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

96.5728, 0.3168, 0.3488



Protanopia

96.7254, 0.3200, 0.3367

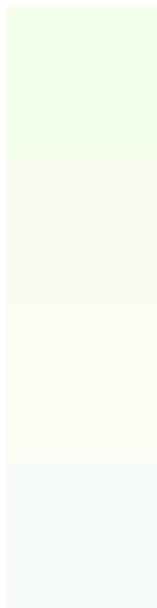
Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.5728, 0.3168, 0.3488

Protanomaly

96.4213, 0.3191, 0.3407

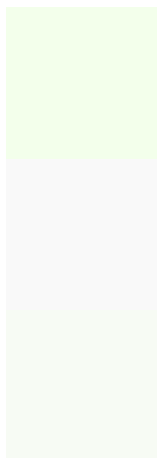
Deuteranomaly

96.6617, 0.3168, 0.3368

Tritanomaly

96.1723, 0.3119, 0.3329

Monochromacy



Original Color

96.5728, 0.3168, 0.3488

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.3002, 0.3143, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5728, 0.3168, 0.3488 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, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 235)  
}
```

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, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 235) }
```

Border

The CSS property to change the border of an element to Yxy 96.5728, 0.3168, 0.3488 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, 255, 235) }
```

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

```
.border{ border-color:rgb(243, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 255, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 255, 235); box-shadow:4px 4px 4px 4px rgb(243, 255, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5728, 0.3168, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 235) }
```

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

```
.background{ background-color: rgb(243,  
255, 235) }
```

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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