

Converting Colors

$Y_{xy}(100.0000, 0.3089, 0.3434)$

Have a look what the booklet for
Yxy(100.0000, 0.3089, 0.3434)
contains.

Yxy(96.6378, 0.3092, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.6378, 0.3092, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF5
RGB	240, 255, 245
RGB Percent	94%, 100%, 96%
CMY	0.0586, 0.0001, 0.0391
CMYK	0.06, 0.00, 0.04, 0.00
HSL	140°, 100%, 97%
HSV	140°, 6%, 100%
XYZ	88.1948, 96.6378, 100.4029
YIQ	249.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

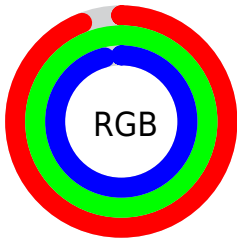
Format	Color
R_{YB}	240, 251, 255
Decimal	15794165
CIE _{Lab}	98.69, -6.65, 3.07
CIE _{LCh}	99, 7.322, 155.243
Yxy	96.6378, 0.3092, 0.3388
Android (android.graphics.Color)	4293984245 (0xFFFF0FFF5)
YUV	249.3750, -2.1569, -8.2219
Hunter-Lab	98.3045, -11.8900, 8.2576

Details

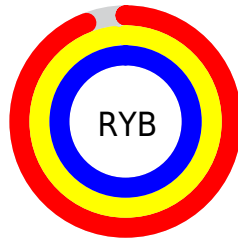
The Yxy color 96.6378, 0.3092, 0.3388 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5213, 0.3164, 0.3194, and the grayscale version is 95.0888, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2526, 0.3083, 0.3403 is the 20% darker color. If you saturate the color by 10%, you get 91.4934, 0.3032, 0.3573, and if you desaturate by 10%, it is 99.9914, 0.3127, 0.3290.

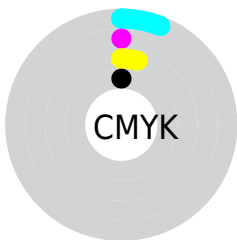
Distribution



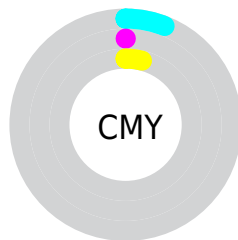
- Red (94%)
- Green (100%)
- Blue (96%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.6378, 0.3092, 0.3388 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 96.6378, 0.3092, 0.3388 by changing the saturation by 10% instead.


 96.6378, 0.3092,
0.3388

 96.6378, 0.3092,
0.3388

549.3950, 0.3108,
0.3345

 73.4989, 0.3089,
0.3397

156.5254, 0.3097,
0.3373

 54.3840, 0.3084,
0.3409


194.0428, 0.3099,
0.3367

 38.9087, 0.3079,
0.3423


237.1218, 0.3101,
0.3362

 26.6887, 0.3073,
0.3442

286.1468, 0.3103,
0.3358

 17.3396, 0.3064,
0.3466

341.5023, 0.3104,
0.3354

 10.4769, 0.3052,
0.3499

403.5725, 0.3106,

 5.7163, 0.3034,

0.3351

0.3547

472.7420, 0.3107,
0.3347

■ 2.6733, 0.3005,
0.3624

■ 0.9637, 0.2950,
0.3782

■ 96.6378, 0.3092,
0.3388

■ 96.6378, 0.3092,
0.3388

■ 91.4934, 0.3032,
0.3573

99.9914, 0.3127,
0.3290

■ 87.0392, 0.2974,
0.3779

■ 83.2489, 0.2921,
0.4006

■ 80.0897, 0.2876,
0.4251

■ 77.5258, 0.2841,
0.4509

■ 75.5179, 0.2820,
0.4771

■ 74.0217, 0.2816,
0.5027

■ 72.9857, 0.2830,
0.5265

■ 72.3466, 0.2860,
0.5474

Harmonies

Analogous

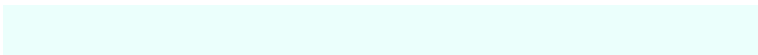
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.6378, 0.3173, 0.3425



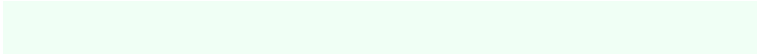
96.6378, 0.3092, 0.3388



96.6378, 0.3021, 0.3323

Triad

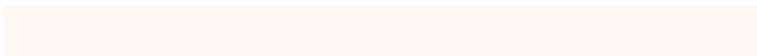
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.6378, 0.3092, 0.3388



96.6378, 0.3012, 0.3156



96.6378, 0.3278, 0.3327

Complementary

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



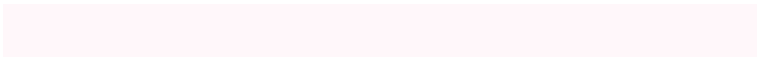
96.6378, 0.3092, 0.3388



90.5213, 0.3164, 0.3194

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.



96.6378, 0.3234, 0.3256



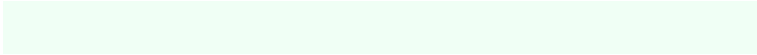
96.6378, 0.3092, 0.3388



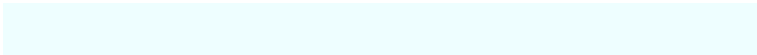
96.6378, 0.3080, 0.3159

Square

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



96.6378, 0.3092, 0.3388



96.6378, 0.2975, 0.3189



96.6378, 0.3161, 0.3195



96.6378, 0.3281, 0.3389

Rectangle

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



96.6378, 0.3092, 0.3388



96.6378, 0.2989, 0.3274



96.6378, 0.3161, 0.3195



96.6378, 0.3268, 0.3303

Sweetspot

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



96.6419, 0.3092, 0.3388



98.8280, 0.3115, 0.3323



98.1790, 0.3184, 0.3435



21.1655, 0.3116, 0.3321



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.



96.6419, 0.3092, 0.3388



96.0258, 0.3085, 0.3408



97.0925, 0.3051, 0.3317



20.4837, 0.3081, 0.3419



37.7347, 0.2867, 0.5521



3.6934, 0.2804, 0.5294

Inverse Universe

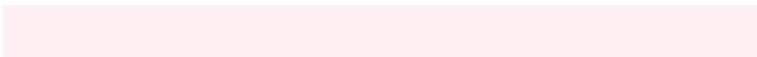
The Inverse Universe completely reimagines the original color for something new.



90.5213, 0.3164, 0.3194



88.7597, 0.3172, 0.3175



90.0760, 0.3209, 0.3264



18.8013, 0.3176, 0.3165



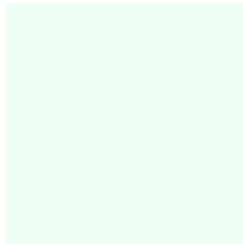
12.6619, 0.4271, 0.2126



1.2531, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 96.6378, 0.3092, 0.3388 looks on a white background.

Color Contrast Check

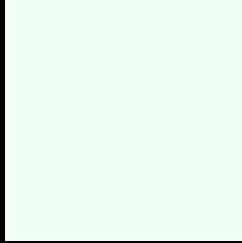
Large Text (above 18pt) WCAG AA × Fail

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 96.6378, 0.3092, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

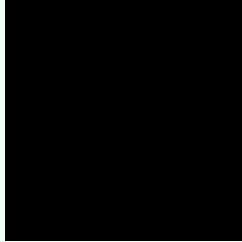
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

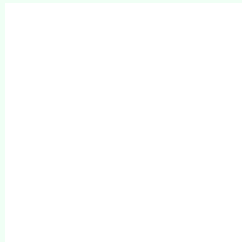
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.6378, 0.3092, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 96.6378, 0.3092, 0.3388.

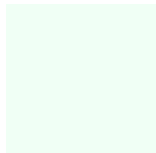


This preview shows how white text looks on a background with the Yxy color 96.6378, 0.3092, 0.3388.

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

96.6378, 0.3092, 0.3388



Protanopia

96.2850, 0.3183, 0.3329

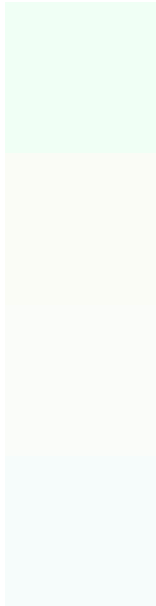
Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.6378, 0.3092, 0.3388

Protanomaly

96.5986, 0.3150, 0.3348

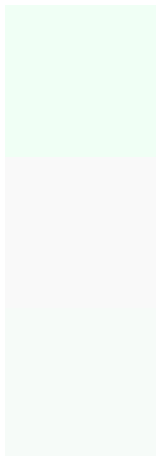
Deuteranomaly

96.7844, 0.3132, 0.3319

Tritanomaly

96.1787, 0.3096, 0.3300

Monochromacy



Original Color

96.6378, 0.3092, 0.3388

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.3645, 0.3113, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6378, 0.3092, 0.3388 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(240, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 245)  
}
```

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(240, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 96.6378, 0.3092, 0.3388 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(240, 255, 245) }
```

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

```
.border{ border-color:rgb(240, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(240, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6378, 0.3092, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 245) }
```

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

```
.background{ background-color: rgb(240,  
255, 245) }
```

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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