

Converting Colors

$Y_{xy}(108.5191, 0.2806, 0.3177)$

Have a look what the booklet for
Yxy(108.5191, 0.2806, 0.3177)
contains.

Yxy(94.7476, 0.2946, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.7476, 0.2946, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFFF
RGB	225, 255, 255
RGB Percent	88%, 100%, 100%
CMY	0.1176, 0.0000, 0.0000
CMYK	0.12, 0.00, 0.00, 0.00
HSL	180°, 100%, 94%
HSV	180°, 12%, 100%
XYZ	84.8667, 94.7476, 108.4599
YIQ	246.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

Format	Color
R _Y B	225, 240, 255
Decimal	14811135
CIE Lab	97.93, -9.62, -3.31
CIE LCh	98, 10.170, 198.967
Yxy	94.7476, 0.2946, 0.3289
Android (android.graphics.Color)	4293001215 (0xFFE1FFFF)
YUV	246.0300, 4.4222, -18.4433
Hunter-Lab	97.3384, -14.7129, 2.0726

Details

The Yxy color **94.7476, 0.2946, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.5471, 0.3340, 0.3291**, and the grayscale version is **92.1584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.9004, 0.2907, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **90.9507, 0.2803, 0.3289**, and if you desaturate by 10%, it is **99.1566, 0.3099, 0.3290**.

Distribution



- Red (88%)
- Green (100%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7476, 0.2946, 0.3289 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 94.7476, 0.2946, 0.3289 by changing the saturation by 10% instead.

 94.7476, 0.2946,
0.3289

 94.7476, 0.2946,
0.3289


543.3566, 0.3026,
0.3290

 71.9249, 0.2929,
0.3289


153.9159, 0.2973,
0.3289

 53.0973, 0.2908,
0.3288

191.0302, 0.2984,
0.3290

 37.8805, 0.2882,
0.3288


233.6773, 0.2993,
0.3290

 25.8899, 0.2849,
0.3287

282.2414, 0.3001,
0.3290

 16.7413, 0.2807,
0.3285

337.1070, 0.3008,
0.3290

 10.0502, 0.2749,
0.3283

398.6585, 0.3015,

 5.4323, 0.2665,

0.3290

0.3278

467.2802, 0.3020,
0.3290

■ 2.5031, 0.2534,
0.3269

■ 0.8782, 0.2236,
0.3273

■ 94.7476, 0.2946,
0.3289

■ 94.7476, 0.2946,
0.3289

■ 90.9507, 0.2803,
0.3289

■ 99.1566, 0.3099,
0.3290

■ 87.7388, 0.2671,
0.3289

100.0000, 0.3127,
0.3290

■ 85.0827, 0.2555,
0.3288

■ 82.9510, 0.2457,
0.3288

■ 81.3090, 0.2377,
0.3288

■ 80.1177, 0.2318,
0.3288

■ 79.3325, 0.2277,
0.3287

■ 78.8994, 0.2255,
0.3287

■ 78.7400, 0.2247,
0.3287

Harmonies

Analogous

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



94.7476, 0.3029, 0.3389



94.7476, 0.2946, 0.3289



94.7476, 0.2911, 0.3191

Triad

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



94.7476, 0.2946, 0.3289



94.7476, 0.3112, 0.3126



94.7476, 0.3325, 0.3457

Complementary

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



94.7476, 0.2946, 0.3289



80.5471, 0.3340, 0.3291

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.



94.7476, 0.3348, 0.3383



94.7476, 0.2946, 0.3289



94.7476, 0.3224, 0.3194

Square

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



94.7476, 0.2946, 0.3289



94.7476, 0.3006, 0.3099



94.7476, 0.3311, 0.3287



94.7476, 0.3248, 0.3487

Rectangle

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



94.7476, 0.2946, 0.3289



94.7476, 0.2919, 0.3141



94.7476, 0.3311, 0.3287



94.7476, 0.3339, 0.3436

Sweetspot

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



94.7477, 0.2946, 0.3289



98.1165, 0.3065, 0.3290



92.9639, 0.3113, 0.3599



20.9276, 0.3053, 0.3290



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.



94.7477, 0.2946, 0.3289



93.8466, 0.2913, 0.3289



85.5480, 0.2943, 0.3137



20.4815, 0.2980, 0.3290



41.1433, 0.2247, 0.3287



4.0060, 0.2247, 0.3287

Inverse Universe

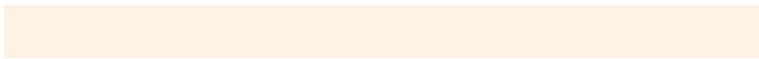
The Inverse Universe completely reimagines the original color for something new.



82.3308, 0.3141, 0.2999



79.2997, 0.3143, 0.2943



89.0167, 0.3321, 0.3438



18.3004, 0.3138, 0.3056



14.8814, 0.3209, 0.1542



1.4490, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 94.7476, 0.2946, 0.3289 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 94.7476, 0.2946, 0.3289 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 94.7476, 0.2946, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 94.7476, 0.2946, 0.3289.



This preview shows how white text looks on a background with the Yxy color 94.7476, 0.2946, 0.3289.

Color Blindness Simulation

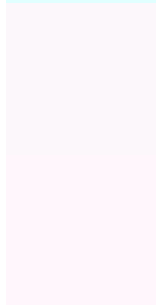
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.7476, 0.2946, 0.3289



Protanopia

94.1820, 0.3135, 0.3251

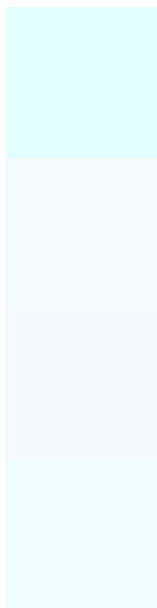
Deuteranopia

94.1998, 0.3149, 0.3233

Tritanopia

94.8243, 0.3061, 0.3241

Trichromacy



Original Color

94.7476, 0.2946, 0.3289

Protanomaly

94.2767, 0.3066, 0.3270

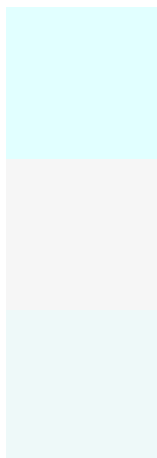
Deuteranomaly

94.0763, 0.3072, 0.3251

Tritanomaly

94.8453, 0.3018, 0.3260

Monochromacy



Original Color

94.7476, 0.2946, 0.3289

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7681, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7476, 0.2946, 0.3289 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(225, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 255)  
}
```

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(225, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.7476, 0.2946, 0.3289 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(225, 255, 255) }
```

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

```
.border{ border-color:rgb(225, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7476, 0.2946, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 255) }
```

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

```
.background{ background-color: rgb(225,  
255, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor