

Converting Colors

Yxy(89.9928, 0.2986, 0.3314)

Have a look what the booklet for
Yxy(89.9928, 0.2986, 0.3314)
contains.

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Color

Yxy(90.2525, 0.2989, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	E0F9F6
RGB	224, 249, 246
RGB Percent	88%, 98%, 96%
CMY	0.1215, 0.0235, 0.0352
CMYK	0.10, 0.00, 0.01, 0.02
HSL	173°, 68%, 93%
HSV	173°, 10%, 98%
XYZ	81.2544, 90.2525, 100.3379
YIQ	241.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

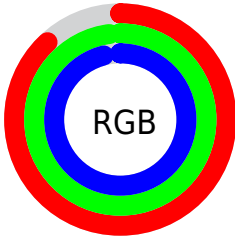
Format	Color
R _Y B	224, 237, 249
Decimal	14744054
CIE Lab	96.10, -8.66, -1.35
CIE LCh	96, 8.760, 188.843
Yxy	90.2525, 0.2989, 0.3320
Android (android.graphics.Color)	4292934134 (0xFFE0F9F6)
YUV	241.1830, 2.3748, -15.0695
Hunter-Lab	95.0013, -13.5816, 3.8803

Details

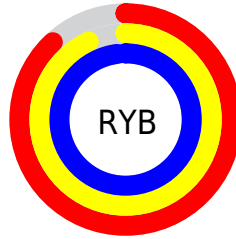
The Yxy color **90.2525, 0.2989, 0.3320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.0030, 0.3285, 0.3260**, and the grayscale version is **88.1080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2927, 0.2960, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **86.3833, 0.2858, 0.3353**, and if you desaturate by 10%, it is **94.7149, 0.3127, 0.3290**.

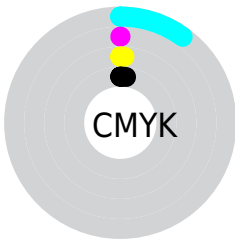
Distribution



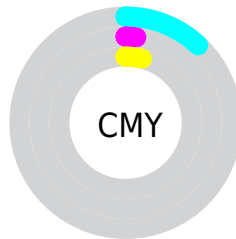
- Red (88%)
- Green (98%)
- Blue (96%)



- Red (88%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2525, 0.2989, 0.3320 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 90.2525, 0.2989, 0.3320 by changing the saturation by 10% instead.

 90.2525, 0.2989,
0.3320

 90.2525, 0.2989,
0.3320


528.8519, 0.3050,
0.3307

 68.1901, 0.2976,
0.3323


147.6891, 0.3010,
0.3316

 50.0524, 0.2959,
0.3326

183.8320, 0.3018,
0.3314

 35.4550, 0.2939,
0.3330


225.4373, 0.3025,
0.3312

 24.0136, 0.2913,
0.3336

272.8892, 0.3032,
0.3311

 15.3437, 0.2879,
0.3343

326.5723, 0.3037,
0.3310

 9.0610, 0.2832,
0.3352

386.8708, 0.3042,

 4.7810, 0.2762,

0.3309

454.1692, 0.3046,
0.3308

0.3365

2.1193, 0.2651,
0.3386

0.6755, 0.2225,
0.3489

90.2525, 0.2989,
0.3320

90.2525, 0.2989,
0.3320

86.3833, 0.2858,
0.3353

94.7149, 0.3127,
0.3290

83.0705, 0.2738,
0.3388


96.0386, 0.3148,
0.3262


80.2910, 0.2630,
0.3426


96.2287, 0.3130,
0.3233


78.0153, 0.2537,
0.3466


96.2325, 0.3130,
0.3233

 76.2114, 0.2463,
0.3507

 74.8432, 0.2407,
0.3549

 73.8698, 0.2372,
0.3591

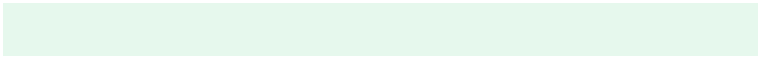
 73.2422, 0.2355,
0.3633

 72.8801, 0.2354,
0.3674

Harmonies

Analogous

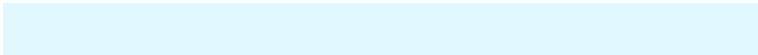
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2525, 0.3072, 0.3402



90.2525, 0.2989, 0.3320



90.2525, 0.2943, 0.3231

Triad

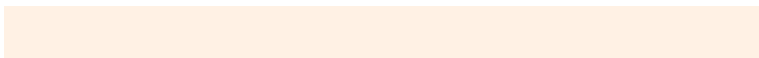
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2525, 0.2989, 0.3320



90.2525, 0.3081, 0.3133



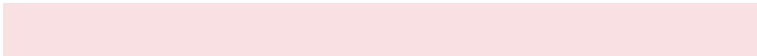
90.2525, 0.3313, 0.3418

Complementary

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



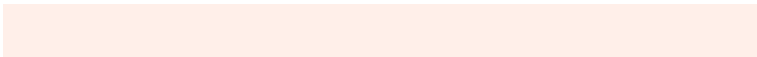
90.2525, 0.2989, 0.3320



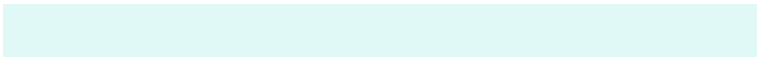
79.0030, 0.3285, 0.3260

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.



90.2525, 0.3316, 0.3345



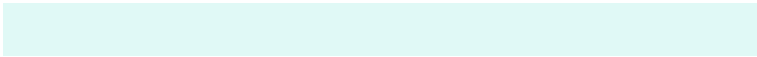
90.2525, 0.2989, 0.3320



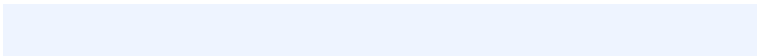
90.2525, 0.3180, 0.3182

Square

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



90.2525, 0.2989, 0.3320



90.2525, 0.2995, 0.3125



90.2525, 0.3267, 0.3259



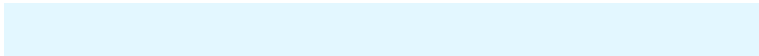
90.2525, 0.3260, 0.3458

Rectangle

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



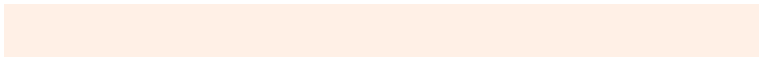
90.2525, 0.2989, 0.3320



90.2525, 0.2938, 0.3180



90.2525, 0.3267, 0.3259



90.2525, 0.3320, 0.3396

Sweetspot

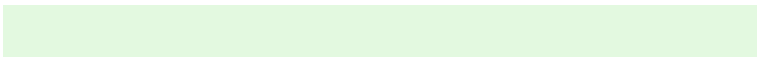
The Sweet Spot groups the original color and five complimentary colors.



90.2563, 0.2989, 0.3320



98.5191, 0.3085, 0.3299



89.5216, 0.3136, 0.3549



21.0045, 0.3074, 0.3301



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

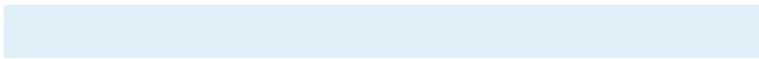
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2563, 0.2989, 0.3320



94.4180, 0.2962, 0.3326



84.9138, 0.2971, 0.3196



19.5708, 0.2996, 0.3318



39.0250, 0.2352, 0.3667



3.6242, 0.2338, 0.3617

Inverse Universe

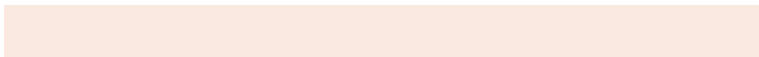
The Inverse Universe completely reimagines the original color for something new.



79.0030, 0.3285, 0.3260



80.3911, 0.3320, 0.3254



83.8989, 0.3294, 0.3383



17.2589, 0.3275, 0.3262



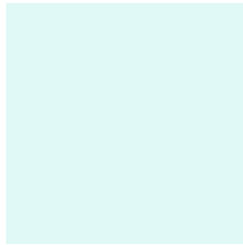
10.8406, 0.6255, 0.3219



1.0145, 0.6003, 0.3081

Previews

White Background



This preview shows how the Yxy color 90.2525, 0.2989, 0.3320 looks on a white background.

Color Contrast Check

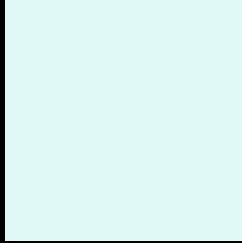
Large Text (above 18pt) WCAG AA × Fail

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 90.2525, 0.2989, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

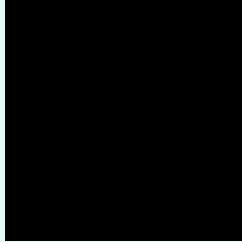
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

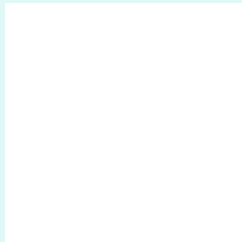
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2525, 0.2989, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 90.2525, 0.2989, 0.3320.

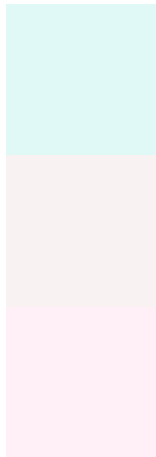


This preview shows how white text looks on a background with the Yxy color 90.2525, 0.2989, 0.3320.

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

90.2525, 0.2989, 0.3320

Protanopia

89.8715, 0.3166, 0.3290

Deuteranopia

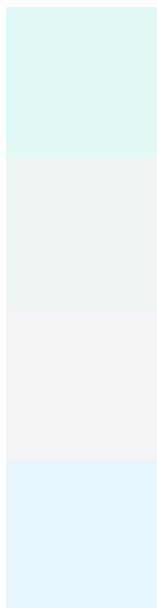
89.6468, 0.3190, 0.3222



Tritanopia

90.1870, 0.3006, 0.3190

Trichromacy



Original Color

90.2525, 0.2989, 0.3320

Protanomaly

90.1266, 0.3101, 0.3310

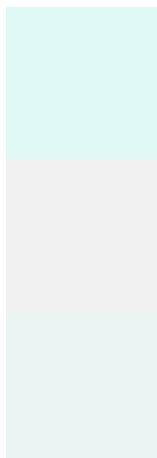
Deuteranomaly

89.9881, 0.3116, 0.3260

Tritanomaly

89.9287, 0.2998, 0.3229

Monochromacy



Original Color

90.2525, 0.2989, 0.3320

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.8346, 0.3075, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2525, 0.2989, 0.3320 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(224, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(224, 249, 246)  
}
```

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(224, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 249, 246) }
```

Border

The CSS property to change the border of an element to Yxy 90.2525, 0.2989, 0.3320 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(224, 249, 246) }
```

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

```
.border{ border-color:rgb(224, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(224, 249,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2525, 0.2989, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 249, 246) }
```

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

```
.background{ background-color: rgb(224,  
249, 246) }
```

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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