

Converting Colors

$Yxy(78.3260, 0.2968, 0.3341)$

Have a look what the booklet for
Yxy(78.3260, 0.2968, 0.3341)
contains.

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Color

Yxy(78.2516, 0.2968, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	CEEBE6
RGB	206, 235, 230
RGB Percent	81%, 92%, 90%
CMY	0.1920, 0.0785, 0.0981
CMYK	0.12, 0.00, 0.02, 0.08
HSL	170°, 42%, 86%
HSV	170°, 12%, 92%
XYZ	69.4530, 78.2516, 86.3014
YIQ	225.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

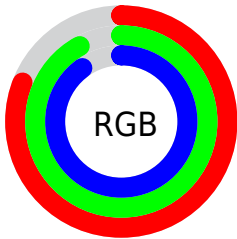
Format	Color
R _Y B	206, 222, 235
Decimal	13560806
CIE Lab	90.89, -10.40, -0.79
CIE LCh	91, 10.428, 184.338
Yxy	78.2516, 0.2968, 0.3344
Android (android.graphics.Color)	4291750886 (0xFFCEE6E6)
YUV	225.7590, 2.0908, -17.3286
Hunter-Lab	88.4599, -14.6583, 4.0787

Details

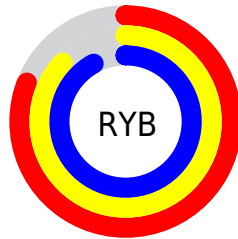
The Yxy color **78.2516, 0.2968, 0.3344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5311, 0.3313, 0.3237**, and the grayscale version is **75.8700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9147, 0.2924, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **74.9129, 0.2846, 0.3393**, and if you desaturate by 10%, it is **82.1051, 0.3097, 0.3300**.

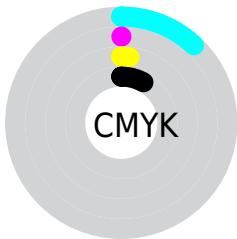
Distribution



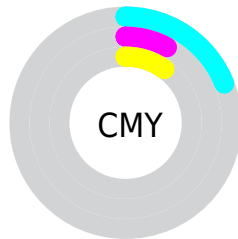
- Red (81%)
- Green (92%)
- Blue (90%)



- Red (81%)
- Yellow (87%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2516, 0.2968, 0.3344 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 78.2516, 0.2968, 0.3344 by changing the saturation by 10% instead.

■ 78.2516, 0.2968,
0.3344

■ 78.2516, 0.2968,
0.3344

489.0209, 0.3041,
0.3320

■ 58.2807, 0.2952,
0.3349

130.9047, 0.2993,
0.3336

■ 42.0343, 0.2932,
0.3356

164.3557, 0.3003,
0.3332

■ 29.1282, 0.2906,
0.3365

203.0689, 0.3011,
0.3330

■ 19.1778, 0.2873,
0.3375

247.4286, 0.3019,
0.3327

■ 11.7988, 0.2829,
0.3390

297.8193, 0.3025,
0.3325

■ 6.6068, 0.2767,
0.3410

354.6253, 0.3031,

■ 3.2175, 0.2670,

0.3323

0.3441

418.2310, 0.3036,
0.3321

■ 1.2463, 0.2505,
0.3494

■ 0.0990, 0.0000,
0.3780

■ 78.2516, 0.2968,
0.3344

■ 78.2516, 0.2968,
0.3344

■ 74.9129, 0.2846,
0.3393

■ 82.1051, 0.3097,
0.3300

■ 72.0567, 0.2734,
0.3445


■ 86.4843, 0.3229,
0.3260


■ 69.6626, 0.2634,
0.3501


■ 87.0948, 0.3217,
0.3220


■ 67.7044, 0.2550,
0.3560


■ 87.3416, 0.3191,
0.3181

 66.1535, 0.2484,
0.3621


 87.5939, 0.3166,
0.3142


 64.9781, 0.2437,
0.3683

 87.8517, 0.3140,
0.3103

 64.1411, 0.2409,
0.3746

 87.8937, 0.3136,
0.3097

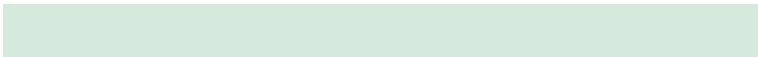
 63.5981, 0.2401,
0.3808

 63.3271, 0.2404,
0.3856

Harmonies

Analogous

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



78.2516, 0.3076, 0.3443



78.2516, 0.2968, 0.3344



78.2516, 0.2902, 0.3231

Triad

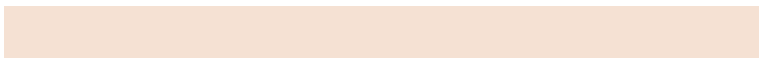
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2516, 0.2968, 0.3344



78.2516, 0.3051, 0.3090



78.2516, 0.3364, 0.3437

Complementary

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



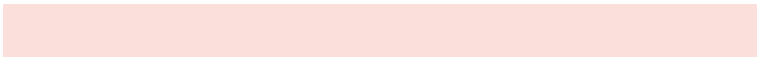
78.2516, 0.2968, 0.3344



66.5311, 0.3313, 0.3237

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.



78.2516, 0.3357, 0.3342



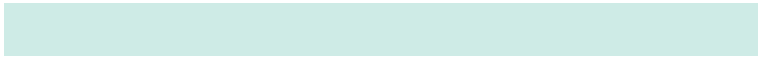
78.2516, 0.2968, 0.3344



78.2516, 0.3175, 0.3144

Square

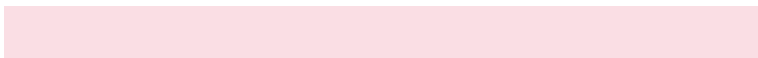
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



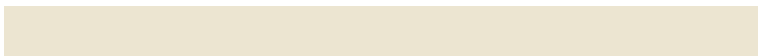
78.2516, 0.2968, 0.3344



78.2516, 0.2949, 0.3087



78.2516, 0.3288, 0.3235



78.2516, 0.3306, 0.3496

Rectangle

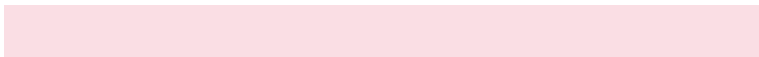
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



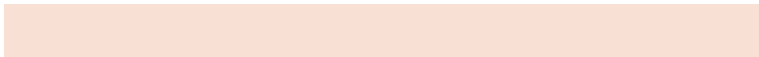
78.2516, 0.2968, 0.3344



78.2516, 0.2891, 0.3165



78.2516, 0.3288, 0.3235



78.2516, 0.3369, 0.3408

Sweetspot

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



78.2549, 0.2968, 0.3344



98.0036, 0.3074, 0.3307



77.7732, 0.3148, 0.3610



20.8989, 0.3065, 0.3310



0.0000, 0.0000, 0.0000



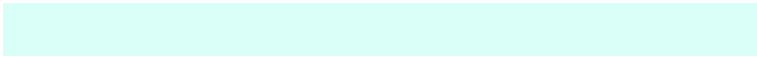
21.4041, 0.3127, 0.3290

Same Dimension

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



78.2549, 0.2968, 0.3344



93.0352, 0.2934, 0.3357



73.4251, 0.2937, 0.3189



17.0746, 0.3004, 0.3331



35.2630, 0.2402, 0.3846



2.7808, 0.2378, 0.3760

Inverse Universe

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



66.5311, 0.3313, 0.3237



76.1039, 0.3362, 0.3224



70.8289, 0.3338, 0.3389



15.0965, 0.3266, 0.3250



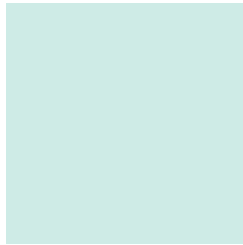
9.9302, 0.6140, 0.3156



0.7921, 0.5782, 0.2959

Previews

White Background



This preview shows how the Yxy color 78.2516, 0.2968, 0.3344 looks on a white background.

Color Contrast Check

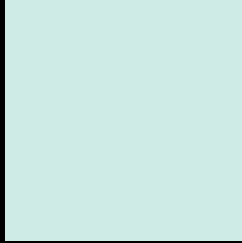
Large Text (above 18pt) WCAG AA × Fail

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 78.2516, 0.2968, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

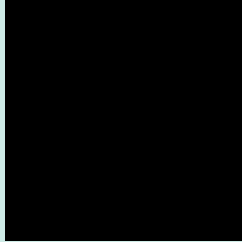
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

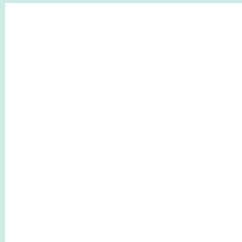
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2516, 0.2968, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 78.2516, 0.2968, 0.3344.

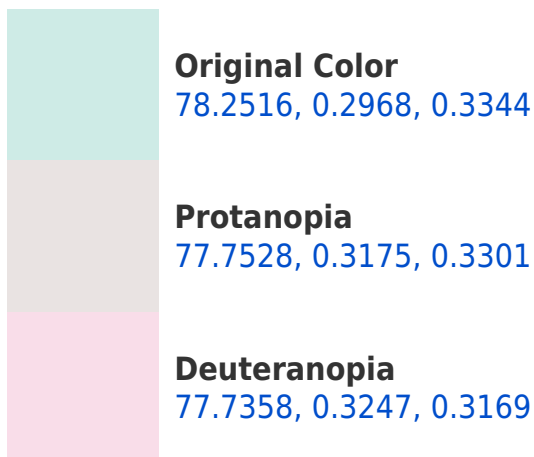


This preview shows how white text looks on a background with the Yxy color 78.2516, 0.2968, 0.3344.

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

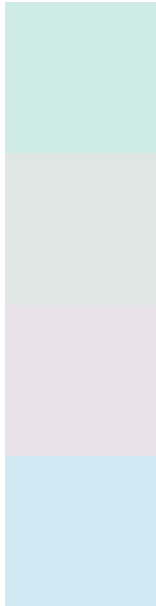




Tritanopia

78.3170, 0.2876, 0.3099

Trichromacy



Original Color

78.2516, 0.2968, 0.3344

Protanomaly

77.8277, 0.3098, 0.3322

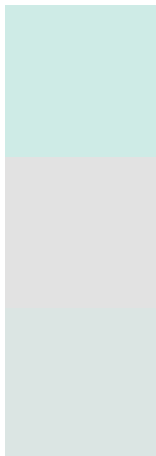
Deuteranomaly

77.5425, 0.3137, 0.3228

Tritanomaly

78.3042, 0.2910, 0.3182

Monochromacy



Original Color

78.2516, 0.2968, 0.3344

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.6447, 0.3072, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2516, 0.2968, 0.3344 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(206, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(206, 235, 230)  
}
```

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(206, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 235, 230) }
```

Border

The CSS property to change the border of an element to Yxy 78.2516, 0.2968, 0.3344 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(206, 235, 230) }
```

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

```
.border{ border-color:rgb(206, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 235, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 235, 230); box-shadow:4px 4px 4px 4px rgb(206, 235, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2516, 0.2968, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 235, 230) }
```

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

```
.background{ background-color: rgb(206,  
235, 230) }
```

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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