

Converting Colors

Yxy(78.8822, 0.2962, 0.3344)

Have a look what the booklet for
Yxy(78.8822, 0.2962, 0.3344)
contains.

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Color

Yxy(78.8822, 0.2962, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	CEECE7
RGB	206, 236, 231
RGB Percent	81%, 93%, 91%
CMY	0.1922, 0.0745, 0.0941
CMYK	0.13, 0.00, 0.02, 0.07
HSL	170°, 44%, 87%
HSV	170°, 13%, 93%
XYZ	69.8711, 78.8822, 87.1384
YIQ	226.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

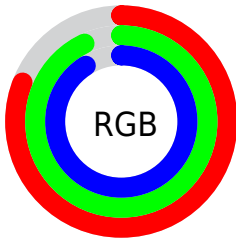
Format	Color
R _Y B	206, 222, 236
Decimal	13561063
CIE Lab	91.18, -10.73, -0.89
CIE LCh	91, 10.768, 184.749
Yxy	78.8822, 0.2962, 0.3344
Android (android.graphics.Color)	4291751143 (0xFFCEECE7)
YUV	226.4600, 2.2382, -17.9434
Hunter-Lab	88.8157, -15.0017, 4.0006

Details

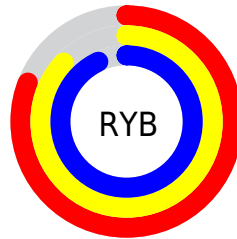
The Yxy color **78.8822, 0.2962, 0.3344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.6795, 0.3322, 0.3237**, and the grayscale version is **76.3972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3170, 0.2924, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **75.5372, 0.2840, 0.3391**, and if you desaturate by 10%, it is **82.7460, 0.3091, 0.3301**.

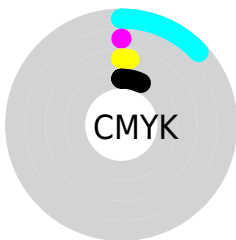
Distribution



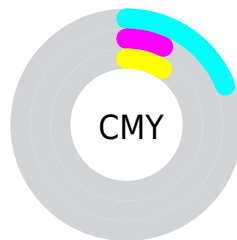
- Red (81%)
- Green (93%)
- Blue (91%)



- Red (81%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8822, 0.2962, 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 78.8822, 0.2962, 0.3344 by changing the saturation by 10% instead.

■ 78.8822, 0.2962,
0.3344

■ 78.8822, 0.2962,
0.3344

491.1577, 0.3037,
0.3320

■ 58.7990, 0.2945,
0.3349

131.7930, 0.2988,
0.3336

■ 42.4513, 0.2924,
0.3356

165.3894, 0.2998,
0.3332

■ 29.4548, 0.2898,
0.3364

204.2589, 0.3007,
0.3330

■ 19.4252, 0.2864,
0.3375

248.7860, 0.3014,
0.3327

■ 11.9779, 0.2819,
0.3389

299.3550, 0.3021,
0.3325

■ 6.7286, 0.2754,
0.3410


356.3504, 0.3027,


■ 3.2930, 0.2656,

0.3323

0.3440


420.1565, 0.3032,
0.3321

 1.2865, 0.2487,
0.3491


 0.1307, 0.0000,
0.3898


 78.8822, 0.2962,
0.3344


 78.8822, 0.2962,
0.3344


 75.5372, 0.2840,
0.3391


 82.7460, 0.3091,
0.3301

 72.6785, 0.2727,
0.3442

 87.1398, 0.3225,
0.3262


 70.2852, 0.2628,
0.3496


 87.7151, 0.3212,
0.3224

 68.3308, 0.2544,
0.3553


 87.9557, 0.3187,
0.3186


 66.7864, 0.2478,
0.3612

 88.2014, 0.3162,
0.3148

 65.6195, 0.2431,
0.3672

 88.4523, 0.3138,
0.3111

 64.7926, 0.2404,
0.3733

 88.4748, 0.3136,
0.3107

 64.2603, 0.2396,
0.3793

 64.0067, 0.2399,
0.3836

Harmonies

Analogous

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



78.8822, 0.3073, 0.3447



78.8822, 0.2962, 0.3344



78.8822, 0.2895, 0.3228

Triad

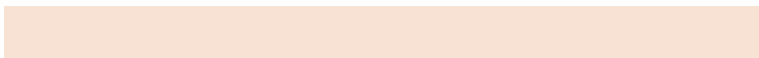
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8822, 0.2962, 0.3344



78.8822, 0.3050, 0.3085



78.8822, 0.3371, 0.3443

Complementary

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



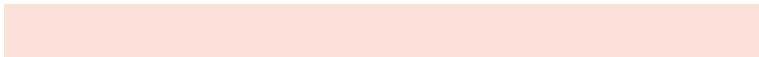
78.8822, 0.2962, 0.3344



66.6795, 0.3322, 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.



78.8822, 0.3365, 0.3344



78.8822, 0.2962, 0.3344



78.8822, 0.3178, 0.3141

Square

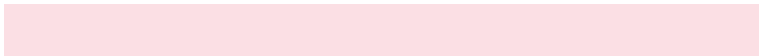
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



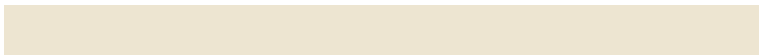
78.8822, 0.2962, 0.3344



78.8822, 0.2945, 0.3081



78.8822, 0.3294, 0.3235



78.8822, 0.3310, 0.3503

Rectangle

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



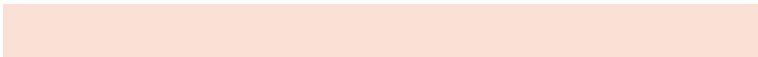
78.8822, 0.2962, 0.3344



78.8822, 0.2884, 0.3160



78.8822, 0.3294, 0.3235



78.8822, 0.3377, 0.3413

Sweetspot

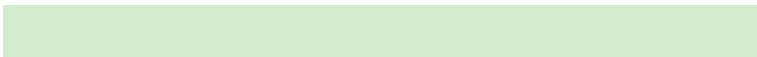
The Sweet Spot groups the original color and five complimentary colors.



78.8855, 0.2962, 0.3344



98.0073, 0.3074, 0.3306



78.3738, 0.3148, 0.3621



20.8998, 0.3064, 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.



78.8855, 0.2962, 0.3344



93.0487, 0.2933, 0.3355



73.8453, 0.2930, 0.3186



17.0762, 0.3003, 0.3330



35.2961, 0.2396, 0.3826



2.7831, 0.2373, 0.3743

Inverse Universe

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



66.6795, 0.3322, 0.3237



76.0922, 0.3364, 0.3226



71.1466, 0.3345, 0.3392



15.0951, 0.3267, 0.3251



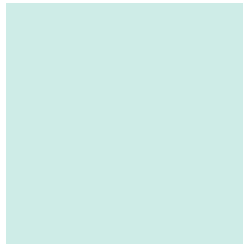
9.9248, 0.6153, 0.3163



0.7915, 0.5800, 0.2969

Previews

White Background



This preview shows how the Yxy color 78.8822, 0.2962, 0.3344 looks on a white background.

Color Contrast Check

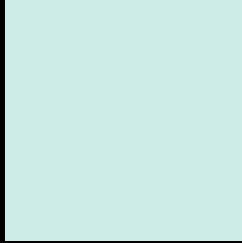
Large Text (above 18pt) WCAG AA × Fail

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 78.8822, 0.2962, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

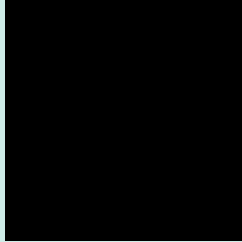
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

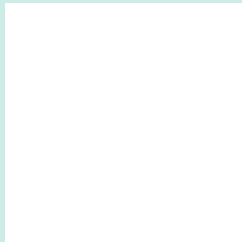
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8822, 0.2962, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 78.8822, 0.2962, 0.3344.



This preview shows how white text looks on a background with the Yxy color 78.8822, 0.2962, 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



Original Color

78.8822, 0.2962, 0.3344

Protanopia

78.5253, 0.3175, 0.3301

Deuteranopia

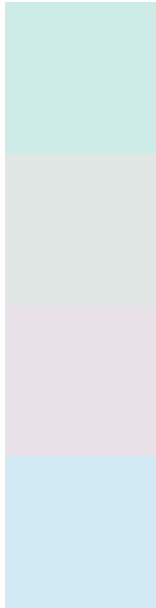
78.3228, 0.3239, 0.3170



Tritanopia

78.9445, 0.2871, 0.3099

Trichromacy



Original Color

78.8822, 0.2962, 0.3344

Protanomaly

78.6006, 0.3099, 0.3322

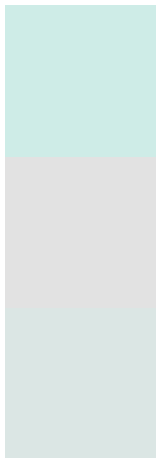
Deuteranomaly

78.1450, 0.3130, 0.3228

Tritanomaly

78.9326, 0.2905, 0.3183

Monochromacy



Original Color

78.8822, 0.2962, 0.3344

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.2551, 0.3065, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8822, 0.2962, 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, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(206, 236, 231)  
}
```

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, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 236, 231) }
```

Border

The CSS property to change the border of an element to Yxy 78.8822, 0.2962, 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, 236, 231) }
```

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

```
.border{ border-color:rgb(206, 236, 231) }
```

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

Here you see how a box with a 4 pixel rgb(206, 236, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(206, 236,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8822, 0.2962, 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, 236, 231) }
```

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

```
.background{ background-color: rgb(206,  
236, 231) }
```

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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