

Converting Colors

$Yxy(78.6361, 0.2963, 0.3502)$

Have a look what the booklet for
Yxy(78.6361, 0.2963, 0.3502)
contains.

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Color

Yxy(78.6361, 0.2963, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	C4EFDC
RGB	196, 239, 220
RGB Percent	77%, 94%, 86%
CMY	0.2317, 0.0626, 0.1373
CMYK	0.18, 0.00, 0.08, 0.06
HSL	154°, 57%, 85%
HSV	154°, 18%, 94%
XYZ	66.5331, 78.6361, 79.3771
YIQ	223.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

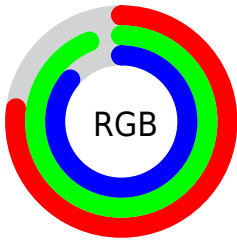
Format	Color
R _Y B	196, 224, 239
Decimal	12906460
CIE Lab	91.07, -17.55, 4.60
CIE LCh	91, 18.147, 165.312
Yxy	78.6361, 0.2963, 0.3502
Android (android.graphics.Color)	4291096540 (0xFFC4EFDC)
YUV	223.9770, -1.9607, -24.5358
Hunter-Lab	88.6770, -21.2588, 9.0019

Details

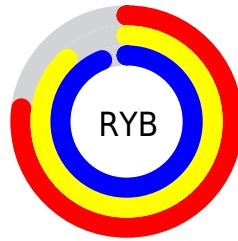
The Yxy color **78.6361, 0.2963, 0.3502** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.7021, 0.3328, 0.3087**, and the grayscale version is **74.5402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **42.3344, 0.2928, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **75.1454, 0.2878, 0.3638**, and if you desaturate by 10%, it is **82.6792, 0.3053, 0.3379**.

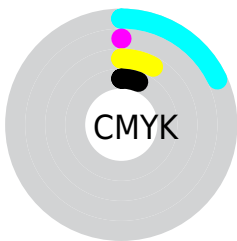
Distribution



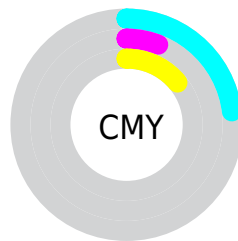
- Red (77%)
- Green (94%)
- Blue (86%)



- Red (77%)
- Yellow (88%)
- Blue (94%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (23%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.6361, 0.2963, 0.3502 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 78.6361, 0.2963, 0.3502 by changing the saturation by 10% instead.

78.6361, 0.2963,
0.3502

78.6361, 0.2963,
0.3502

490.3244, 0.3039,
0.3404

58.5967, 0.2946,
0.3525

131.4464, 0.2989,
0.3468

42.2885, 0.2924,
0.3552

164.9861, 0.2999,
0.3455

29.3273, 0.2898,
0.3588

203.7947, 0.3008,
0.3443

19.3285, 0.2862,
0.3634

248.2565, 0.3016,
0.3433

11.9079, 0.2815,
0.3698

298.7560, 0.3023,
0.3425

6.6810, 0.2746,
0.3790

355.6776, 0.3029,

3.2634, 0.2639,

0.3417

0.3936

419.4056, 0.3034,
0.3410

■ 1.2708, 0.2438,
0.4207

■ 0.1184, 0.0000,
1.0000

■ 78.6361, 0.2963,
0.3502

■ 78.6361, 0.2963,
0.3502

■ 75.1454, 0.2878,
0.3638

■ 82.6792, 0.3053,
0.3379

■ 72.1724, 0.2801,
0.3785

■ 87.2880, 0.3145,
0.3269

■ 69.6938, 0.2735,
0.3944


■ 90.0136, 0.3155,
0.3168


■ 67.6802, 0.2684,
0.4112

■ 90.2274, 0.3134,
0.3137

 66.0993, 0.2650,
0.4285

 64.9144, 0.2636,
0.4460

 64.0822, 0.2643,
0.4632

 63.5433, 0.2669,
0.4798

 63.4548, 0.2675,
0.4830

Harmonies

Analogous

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



78.6361, 0.3173, 0.3635



78.6361, 0.2963, 0.3502



78.6361, 0.2801, 0.3309

Triad

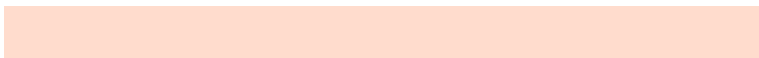
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6361, 0.2963, 0.3502



78.6361, 0.2876, 0.2933



78.6361, 0.3548, 0.3439

Complementary

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



78.6361, 0.2963, 0.3502



62.7021, 0.3328, 0.3087

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.



78.6361, 0.3463, 0.3258



78.6361, 0.2963, 0.3502



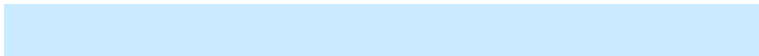
78.6361, 0.3070, 0.2973

Square

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



78.6361, 0.2963, 0.3502



78.6361, 0.2751, 0.2983



78.6361, 0.3286, 0.3091



78.6361, 0.3515, 0.3589

Rectangle

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



78.6361, 0.2963, 0.3502



78.6361, 0.2739, 0.3178



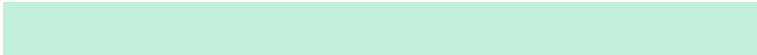
78.6361, 0.3286, 0.3091



78.6361, 0.3532, 0.3380

Sweetspot

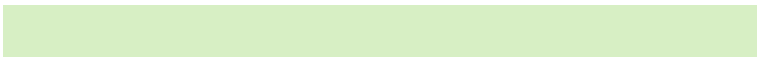
The Sweet Spot groups the original color and five complimentary colors.



78.6394, 0.2963, 0.3502



97.3043, 0.3081, 0.3345



80.2243, 0.3234, 0.3763



20.7489, 0.3074, 0.3353



0.0000, 0.0000, 0.0000



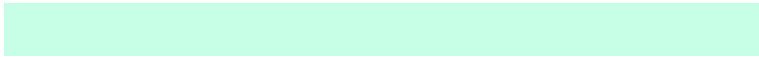
21.4041, 0.3127, 0.3290

Same Dimension

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



78.6394, 0.2963, 0.3502



89.3748, 0.2928, 0.3555



78.4511, 0.2854, 0.3266



17.8043, 0.3040, 0.3396



35.0852, 0.2668, 0.4804



2.9387, 0.2607, 0.4586

Inverse Universe

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



62.7021, 0.3328, 0.3087



67.4246, 0.3383, 0.3040



62.7591, 0.3473, 0.3314



15.8748, 0.3224, 0.3186



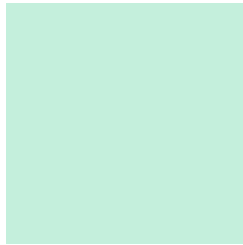
10.7359, 0.5206, 0.2641



0.9128, 0.4878, 0.2461

Previews

White Background



This preview shows how the Yxy color 78.6361, 0.2963, 0.3502 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 78.6361, 0.2963, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

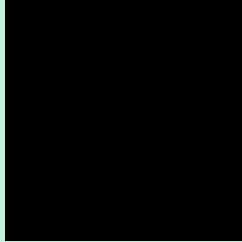
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

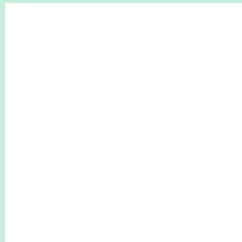
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6361, 0.2963, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 78.6361, 0.2963, 0.3502.

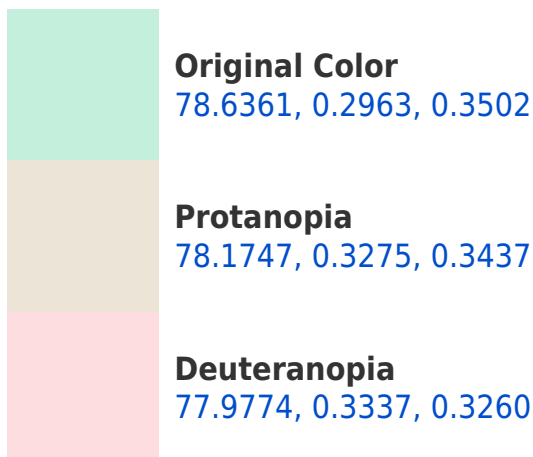


This preview shows how white text looks on a background with the Yxy color 78.6361, 0.2963, 0.3502.

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

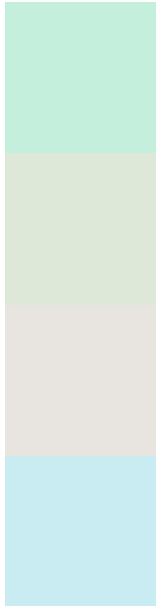




Tritanopia

78.4940, 0.2812, 0.3087

Trichromacy



Original Color

78.6361, 0.2963, 0.3502

Protanomaly

78.0432, 0.3153, 0.3462

Deuteranomaly

77.9703, 0.3187, 0.3343

Tritanomaly

78.6211, 0.2868, 0.3235

Monochromacy



Original Color

78.6361, 0.2963, 0.3502

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.6625, 0.3063, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6361, 0.2963, 0.3502 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(196, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(196, 239, 220)  
}
```

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(196, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 78.6361, 0.2963, 0.3502 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(196, 239, 220) }
```

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

```
.border{ border-color:rgb(196, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(196, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6361, 0.2963, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 239, 220) }
```

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

```
.background{ background-color: rgb(196,  
239, 220) }
```

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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