

Converting Colors

$Yxy(76.3034, 0.2983, 0.3323)$

Have a look what the booklet for
Yxy(76.3034, 0.2983, 0.3323)
contains.

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Color

Yxy(76.0187, 0.2986, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	CFE7E4
RGB	207, 231, 228
RGB Percent	81%, 91%, 89%
CMY	0.1879, 0.0942, 0.1058
CMYK	0.10, 0.00, 0.01, 0.09
HSL	173°, 33%, 86%
HSV	173°, 10%, 91%
XYZ	68.3299, 76.0187, 84.4856
YIQ	223.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

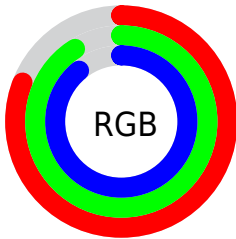
Format	Color
R_{YB}	207, 220, 231
Decimal	13625316
CIE _{Lab}	89.87, -8.41, -1.25
CIE _{LCh}	90, 8.507, 188.459
Yxy	76.0187, 0.2986, 0.3322
Android (android.graphics.Color)	4291815396 (0xFFCFE7E4)
YUV	223.4820, 2.2274, -14.4547
Hunter-Lab	87.1887, -12.6896, 3.5803

Details

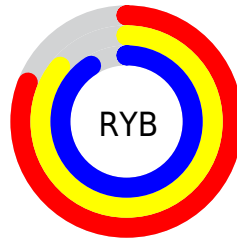
The Yxy color **76.0187, 0.2986, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3050, 0.3289, 0.3258**, and the grayscale version is **74.1548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4494, 0.2954, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **72.7755, 0.2857, 0.3356**, and if you desaturate by 10%, it is **79.7577, 0.3122, 0.3291**.

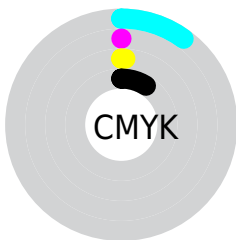
Distribution



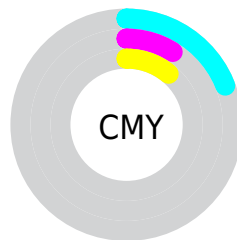
- Red (81%)
- Green (91%)
- Blue (89%)



- Red (81%)
- Yellow (86%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0187, 0.2986, 0.3322 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 76.0187, 0.2986, 0.3322 by changing the saturation by 10% instead.

■ 76.0187, 0.2986,
0.3322

■ 76.0187, 0.2986,
0.3322

481.4117, 0.3051,
0.3308

■ 56.4478, 0.2971,
0.3325

127.7533, 0.3008,
0.3317

■ 40.5621, 0.2953,
0.3329

160.6859, 0.3017,
0.3315

■ 27.9771, 0.2931,
0.3334

198.8412, 0.3025,
0.3313

■ 18.3084, 0.2901,
0.3340

242.6035, 0.3031,
0.3312

■ 11.1716, 0.2861,
0.3349

292.3574, 0.3037,
0.3311

■ 6.1824, 0.2804,
0.3361

348.4871, 0.3042,

■ 2.9563, 0.2715,

0.3310

0.3379

411.3771, 0.3047,
0.3309

■ 1.1090, 0.2560,
0.3408

■ 0.0000, 0.0000,
0.0000

■ 76.0187, 0.2986,
0.3322

■ 76.0187, 0.2986,
0.3322

■ 72.7755, 0.2857,
0.3356

■ 79.7577, 0.3122,
0.3291

■ 69.9973, 0.2737,
0.3393


■ 84.0027, 0.3263,
0.3263

■ 67.6650, 0.2630,
0.3432

■ 84.4939, 0.3256,
0.3235

■ 65.7538, 0.2539,
0.3473


■ 84.6621, 0.3237,
0.3207

 64.2372, 0.2465,
0.3515

 84.8330, 0.3219,
0.3179


 63.0850, 0.2410,
0.3559

 85.0066, 0.3200,
0.3152

 62.2631, 0.2375,
0.3602

 85.1829, 0.3182,
0.3124

 61.7306, 0.2359,
0.3646

 85.3619, 0.3164,
0.3097

 61.4244, 0.2358,
0.3687

 85.5437, 0.3146,
0.3070

Harmonies

Analogous

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



76.0187, 0.3072, 0.3406



76.0187, 0.2986, 0.3322



76.0187, 0.2938, 0.3230

Triad

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



76.0187, 0.2986, 0.3322



76.0187, 0.3078, 0.3129



76.0187, 0.3318, 0.3421

Complementary

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



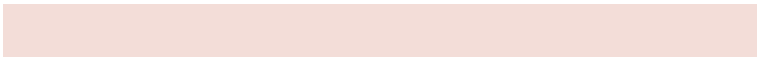
76.0187, 0.2986, 0.3322



66.3050, 0.3289, 0.3258

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.



76.0187, 0.3321, 0.3345



76.0187, 0.2986, 0.3322



76.0187, 0.3181, 0.3178

Square

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



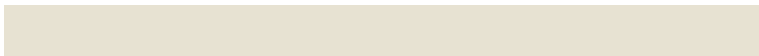
76.0187, 0.2986, 0.3322



76.0187, 0.2990, 0.3120



76.0187, 0.3270, 0.3257



76.0187, 0.3264, 0.3463

Rectangle

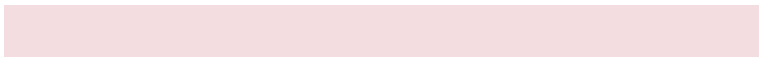
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0187, 0.2986, 0.3322



76.0187, 0.2933, 0.3178



76.0187, 0.3270, 0.3257



76.0187, 0.3325, 0.3398

Sweetspot

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



76.0219, 0.2986, 0.3322



98.5170, 0.3085, 0.3299



75.3920, 0.3136, 0.3556



21.0039, 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.



76.0219, 0.2986, 0.3322



94.4096, 0.2963, 0.3328



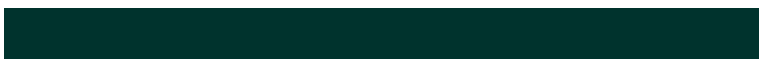
71.4039, 0.2967, 0.3193



16.3041, 0.2998, 0.3319



34.4537, 0.2356, 0.3680



2.5547, 0.2338, 0.3617

Inverse Universe

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



66.3050, 0.3289, 0.3258



80.3986, 0.3319, 0.3253



70.5267, 0.3299, 0.3385



14.3969, 0.3273, 0.3261



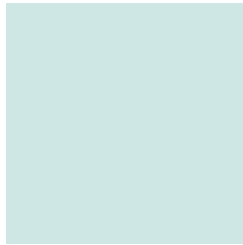
9.5826, 0.6241, 0.3212



0.7177, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 76.0187, 0.2986, 0.3322 looks on a white background.

Color Contrast Check

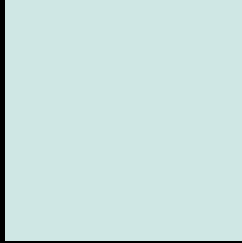
Large Text (above 18pt) WCAG AA × Fail

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 76.0187, 0.2986, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

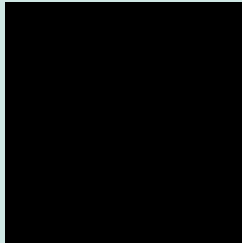
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

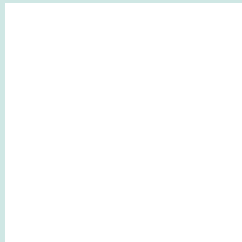
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0187, 0.2986, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 76.0187, 0.2986, 0.3322.

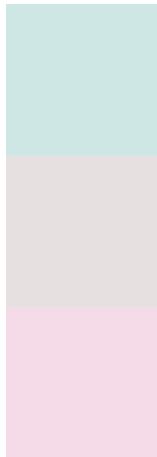


This preview shows how white text looks on a background with the Yxy color 76.0187, 0.2986, 0.3322.

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

76.0187, 0.2986, 0.3322

Protanopia

76.0552, 0.3169, 0.3301

Deuteranopia

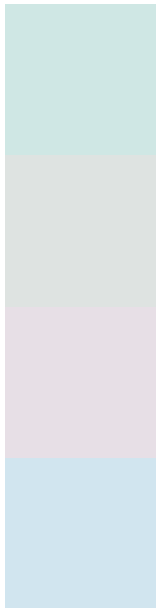
75.8450, 0.3233, 0.3168



Tritanopia

75.8423, 0.2898, 0.3097

Trichromacy



Original Color

76.0187, 0.2986, 0.3322

Protanomaly

75.9040, 0.3105, 0.3311

Deuteranomaly

75.4774, 0.3138, 0.3217

Tritanomaly

75.8259, 0.2933, 0.3182

Monochromacy



Original Color

76.0187, 0.2986, 0.3322

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.5807, 0.3072, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0187, 0.2986, 0.3322 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(207, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(207, 231, 228)  
}
```

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(207, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 231, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.0187, 0.2986, 0.3322 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(207, 231, 228) }
```

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

```
.border{ border-color:rgb(207, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(207, 231,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0187, 0.2986, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 231, 228) }
```

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

```
.background{ background-color: rgb(207,  
231, 228) }
```

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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