

Converting Colors

$Yxy(74.3708, 0.2963, 0.3326)$

Have a look what the booklet for
Yxy(74.3708, 0.2963, 0.3326)
contains.

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Color

Yxy(74.6412, 0.2965, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	CAE6E2
RGB	202, 230, 226
RGB Percent	79%, 90%, 89%
CMY	0.2079, 0.0980, 0.1137
CMYK	0.12, 0.00, 0.02, 0.10
HSL	171°, 36%, 85%
HSV	171°, 12%, 90%
XYZ	66.3801, 74.6412, 82.8576
YIQ	221.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

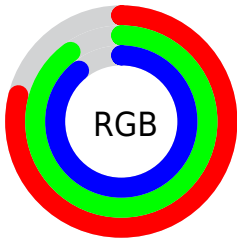
Format	Color
R_{YB}	202, 217, 230
Decimal	13297378
CIE _{Lab}	89.22, -9.94, -1.17
CIE _{LCh}	89, 10.012, 186.726
Yxy	74.6412, 0.2965, 0.3334
Android (android.graphics.Color)	4291487458 (0xFFCAE6E2)
YUV	221.1720, 2.3802, -16.8138
Hunter-Lab	86.3951, -14.0444, 3.6143

Details

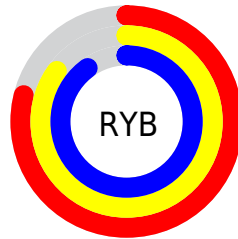
The Yxy color **74.6412, 0.2965, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.5203, 0.3317, 0.3247**, and the grayscale version is **72.4258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5083, 0.2927, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **71.4925, 0.2840, 0.3374**, and if you desaturate by 10%, it is **78.2778, 0.3098, 0.3298**.

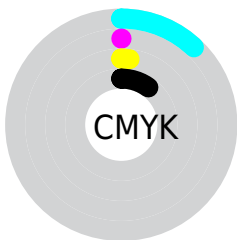
Distribution



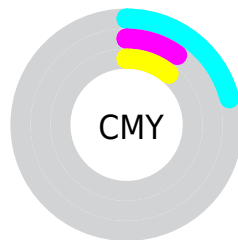
- Red (79%)
- Green (90%)
- Blue (89%)



- Red (79%)
- Yellow (85%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6412, 0.2965, 0.3334 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 74.6412, 0.2965, 0.3334 by changing the saturation by 10% instead.

■ 74.6412, 0.2965,
0.3334

■ 74.6412, 0.2965,
0.3334

476.6834, 0.3040,
0.3314

■ 55.3190, 0.2948,
0.3338

125.8043, 0.2991,
0.3327

■ 39.6572, 0.2927,
0.3344

158.4141, 0.3001,
0.3324

■ 27.2714, 0.2901,
0.3351

196.2217, 0.3010,
0.3322

■ 17.7771, 0.2866,
0.3360

239.6118, 0.3017,
0.3320

■ 10.7901, 0.2820,
0.3372

288.9686, 0.3024,
0.3318

■ 5.9259, 0.2753,
0.3389

344.6765, 0.3030,

■ 2.8001, 0.2649,

0.3317

407.1200, 0.3035,
0.3315

0.3414

1.0283, 0.2452,
0.3464

0.0000, 0.0000,
0.0000

74.6412, 0.2965,
0.3334

74.6412, 0.2965,
0.3334

71.4925, 0.2840,
0.3374

78.2778, 0.3098,
0.3298

68.8011, 0.2724,
0.3417


82.4128, 0.3235,
0.3264


66.5477, 0.2622,
0.3463


83.9060, 0.3262,
0.3233

64.7075, 0.2535,
0.3511

84.0990, 0.3240,
0.3200

 63.2535, 0.2466,
0.3561


 84.2955, 0.3219,
0.3168

 62.1553, 0.2416,
0.3612

 84.4956, 0.3197,
0.3137

 61.3783, 0.2386,
0.3663

 84.6993, 0.3176,
0.3105

 60.8803, 0.2375,
0.3713

 84.9066, 0.3155,
0.3074

 60.6326, 0.2376,
0.3753

 85.0773, 0.3138,
0.3049

Harmonies

Analogous

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



74.6412, 0.3068, 0.3433



74.6412, 0.2965, 0.3334



74.6412, 0.2905, 0.3225

Triad

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



74.6412, 0.2965, 0.3334



74.6412, 0.3062, 0.3098



74.6412, 0.3356, 0.3440

Complementary

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



74.6412, 0.2965, 0.3334



63.5203, 0.3317, 0.3247

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.



74.6412, 0.3355, 0.3349



74.6412, 0.2965, 0.3334



74.6412, 0.3183, 0.3153

Square

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



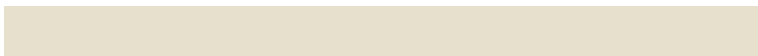
74.6412, 0.2965, 0.3334



74.6412, 0.2960, 0.3091



74.6412, 0.3291, 0.3244



74.6412, 0.3295, 0.3493

Rectangle

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



74.6412, 0.2965, 0.3334



74.6412, 0.2897, 0.3162



74.6412, 0.3291, 0.3244



74.6412, 0.3363, 0.3413

Sweetspot

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



74.6443, 0.2965, 0.3334



98.0229, 0.3073, 0.3304



74.0117, 0.3141, 0.3606



20.9038, 0.3063, 0.3307



0.0000, 0.0000, 0.0000



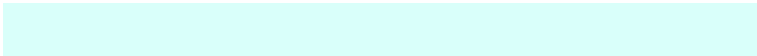
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6443, 0.2965, 0.3334



93.1059, 0.2928, 0.3345



69.5629, 0.2939, 0.3180



16.2991, 0.3001, 0.3324



34.3385, 0.2374, 0.3745



2.5473, 0.2353, 0.3671

Inverse Universe

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



63.5203, 0.3317, 0.3247



76.0429, 0.3370, 0.3236



68.0755, 0.3333, 0.3398



14.4014, 0.3270, 0.3257



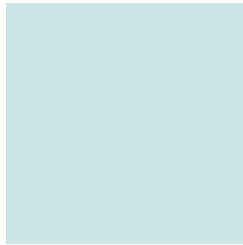
9.5968, 0.6204, 0.3191



0.7198, 0.5856, 0.3000

Previews

White Background



This preview shows how the Yxy color 74.6412, 0.2965, 0.3334 looks on a white background.

Color Contrast Check

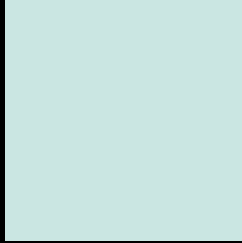
Large Text (above 18pt) WCAG AA × Fail

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 74.6412, 0.2965, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

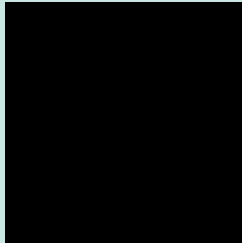
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

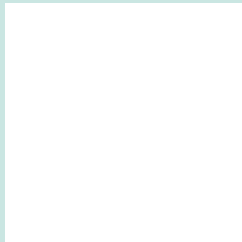
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6412, 0.2965, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 74.6412, 0.2965, 0.3334.



This preview shows how white text looks on a background with the Yxy color 74.6412, 0.2965, 0.3334.

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

74.6412, 0.2965, 0.3334

Protanopia

74.5433, 0.3169, 0.3301

Deuteranopia

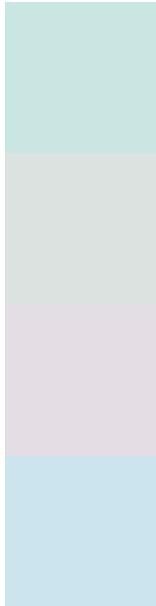
74.3375, 0.3234, 0.3167



Tritanopia

74.5099, 0.2871, 0.3095

Trichromacy



Original Color

74.6412, 0.2965, 0.3334

Protanomaly

74.7805, 0.3098, 0.3322

Deuteranomaly

74.3380, 0.3130, 0.3226

Tritanomaly

74.4972, 0.2906, 0.3180

Monochromacy



Original Color

74.6412, 0.2965, 0.3334

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9352, 0.3064, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6412, 0.2965, 0.3334 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(202, 230, 226)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 226)  
}
```

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(202, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 226) }
```

Border

The CSS property to change the border of an element to Yxy 74.6412, 0.2965, 0.3334 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(202, 230, 226) }
```

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

```
.border{ border-color:rgb(202, 230, 226) }
```

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

Here you see how a box with a 4 pixel rgb(202, 230, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6412, 0.2965, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 226) }
```

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

```
.background{ background-color: rgb(202,  
230, 226) }
```

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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