

Converting Colors

$Yxy(75.8521, 0.2801, 0.3105)$

Have a look what the booklet for
Yxy(75.8521, 0.2801, 0.3105)
contains.

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Color

Yxy(75.6649, 0.2801, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	C4E7F8
RGB	196, 231, 248
RGB Percent	77%, 91%, 97%
CMY	0.2315, 0.0941, 0.0274
CMYK	0.21, 0.07, 0.00, 0.03
HSL	200°, 79%, 87%
HSV	200°, 21%, 97%
XYZ	68.2788, 75.6649, 99.8221
YIQ	222.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

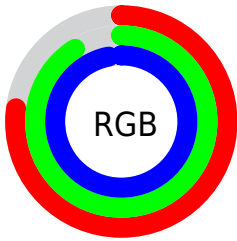
Format	Color
R _Y B	196, 217, 248
Decimal	12904440
CIE Lab	89.70, -7.82, -12.04
CIE LCh	90, 14.358, 237.014
Yxy	75.6649, 0.2801, 0.3104
Android (android.graphics.Color)	4291094520 (0xFFC4E7F8)
YUV	222.4730, 12.5848, -23.2168
Hunter-Lab	86.9856, -12.1123, -7.1496

Details

The Yxy color **75.6649, 0.2801, 0.3104** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.5156, 0.3515, 0.3469**, and the grayscale version is **73.3202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **40.1284, 0.2721, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **68.1822, 0.2648, 0.3002**, and if you desaturate by 10%, it is **83.9134, 0.2957, 0.3198**.

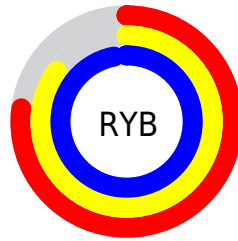
Distribution



Red (77%)

Green (91%)

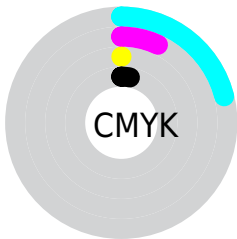
Blue (97%)



Red (77%)

Yellow (85%)

Blue (97%)

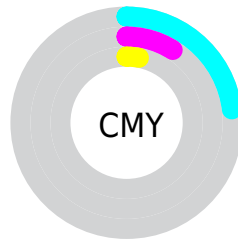


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6649, 0.2801, 0.3104 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 75.6649, 0.2801, 0.3104 by changing the saturation by 10% instead.

■ 75.6649, 0.2801,
0.3104

■ 75.6649, 0.2801,
0.3104

■ 480.1998, 0.2949,
0.3191

■ 56.1578, 0.2768,
0.3084

■ 127.2531, 0.2852,
0.3134

■ 40.3294, 0.2727,
0.3059

■ 160.1030, 0.2872,
0.3146

■ 27.7955, 0.2676,
0.3028

■ 198.1692, 0.2889,
0.3156

■ 18.1716, 0.2610,
0.2987

■ 241.8362, 0.2904,
0.3165

■ 11.0732, 0.2522,
0.2930

■ 291.4884, 0.2918,
0.3173

■ 6.1161, 0.2398,
0.2849

■ 347.5101, 0.2929,

■ 2.9158, 0.2213,

0.3179

0.2722

410.2858, 0.2940,
0.3185

■ 1.0879, 0.1906,
0.2498

■ 0.0000, 0.0000,
0.0000

■ 75.6649, 0.2801,
0.3104

■ 75.6649, 0.2801,
0.3104

■ 68.1822, 0.2648,
0.3002

■ 83.9134, 0.2957,
0.3198

■ 61.4261, 0.2501,
0.2892

■ 92.9464, 0.3112,
0.3282

■ 55.3678, 0.2363,
0.2775

■ 99.5581, 0.3168,
0.3357

■ 49.9721, 0.2239,
0.2653

■ 45.2000, 0.2132,
0.2527

■ 41.0073, 0.2045,
0.2400

■ 37.3413, 0.1979,
0.2275

■ 34.4145, 0.1935,
0.2164

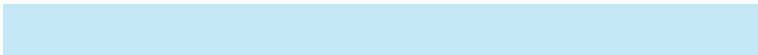
Harmonies

Analogous

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



75.6649, 0.2831, 0.3244



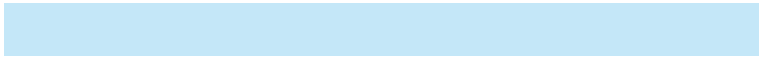
75.6649, 0.2801, 0.3104



75.6649, 0.2855, 0.3019

Triad

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



75.6649, 0.2801, 0.3104



75.6649, 0.3316, 0.3179



75.6649, 0.3268, 0.3590

Complementary

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



75.6649, 0.2801, 0.3104



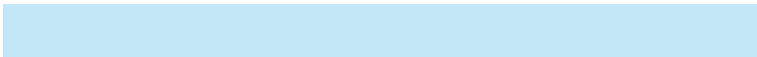
71.5156, 0.3515, 0.3469

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.



75.6649, 0.3403, 0.3563



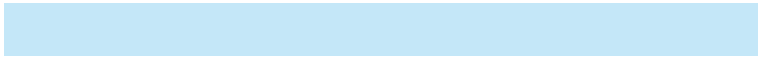
75.6649, 0.2801, 0.3104



75.6649, 0.3432, 0.3324

Square

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



75.6649, 0.2801, 0.3104



75.6649, 0.3150, 0.3065



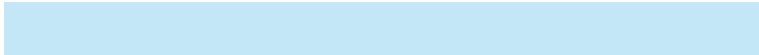
75.6649, 0.3464, 0.3464



75.6649, 0.3097, 0.3531

Rectangle

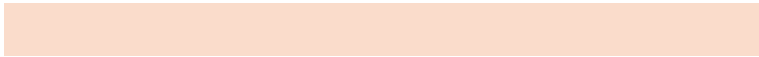
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6649, 0.2801, 0.3104



75.6649, 0.2933, 0.3002



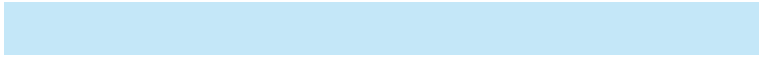
75.6649, 0.3464, 0.3464



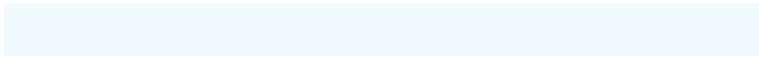
75.6649, 0.3319, 0.3590

Sweetspot

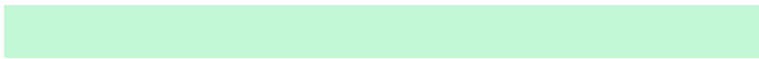
The Sweet Spot groups the original color and five complimentary colors.



75.6680, 0.2801, 0.3104



94.0653, 0.3034, 0.3241



83.6502, 0.3007, 0.3684



19.9996, 0.3024, 0.3235



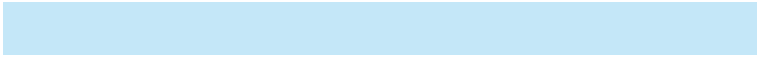
0.0000, 0.0000, 0.0000



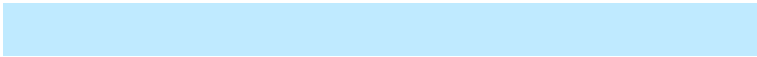
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6680, 0.2801, 0.3104



77.2745, 0.2738, 0.3064



62.4163, 0.2781, 0.2816



18.5968, 0.2980, 0.3211



18.8553, 0.1940, 0.2184



1.9394, 0.1981, 0.2332

Inverse Universe

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



65.1943, 0.3276, 0.2931



64.5814, 0.3312, 0.2859



85.3666, 0.3463, 0.3724



17.4225, 0.3188, 0.3132



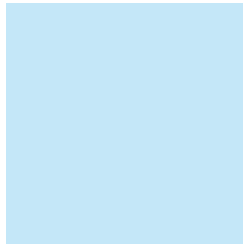
12.3144, 0.4250, 0.2115



1.1600, 0.4093, 0.2029

Previews

White Background



This preview shows how the Yxy color 75.6649, 0.2801, 0.3104 looks on a white background.

Color Contrast Check

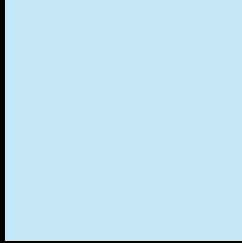
Large Text (above 18pt) WCAG AA × Fail

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 75.6649, 0.2801, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

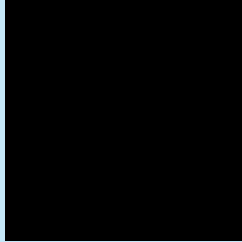
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

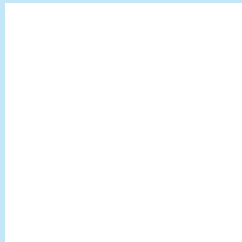
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6649, 0.2801, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 75.6649, 0.2801, 0.3104.

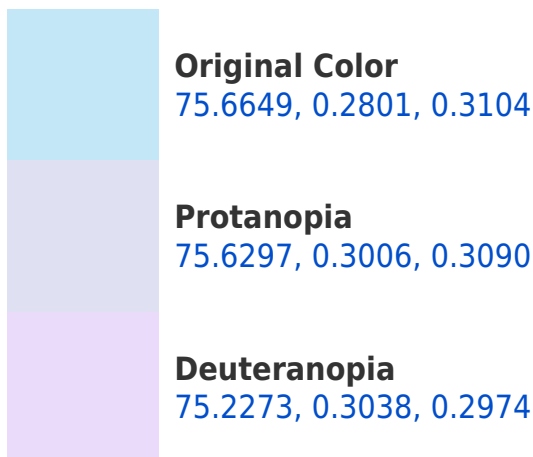


This preview shows how white text looks on a background with the Yxy color 75.6649, 0.2801, 0.3104.

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

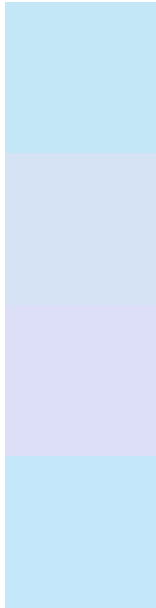




Tritanopia

75.7271, 0.2796, 0.3093

Trichromacy



Original Color

75.6649, 0.2801, 0.3104

Protanomaly

75.8269, 0.2929, 0.3098

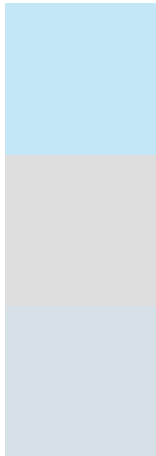
Deuteranomaly

74.9871, 0.2950, 0.3017

Tritanomaly

75.7271, 0.2796, 0.3093

Monochromacy



Original Color

75.6649, 0.2801, 0.3104

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.7661, 0.3007, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6649, 0.2801, 0.3104 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, 231, 248)` looks like.

```
.text, #text, p{  
    color:rgb(196, 231, 248)  
}
```

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, 231, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 231, 248) }
```

Border

The CSS property to change the border of an element to Yxy 75.6649, 0.2801, 0.3104 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, 231, 248) }
```

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

```
.border{ border-color:rgb(196, 231, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 231, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 231, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 231, 248);  
box-shadow:4px 4px 4px 4px rgb(196, 231,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6649, 0.2801, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 231, 248) }
```

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

```
.background{ background-color: rgb(196,  
231, 248) }
```

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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