

Converting Colors

$Yxy(72.5592, 0.2874, 0.3125)$

Have a look what the booklet for
Yxy(72.5592, 0.2874, 0.3125)
contains.

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Color

Yxy(72.5592, 0.2874, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C9E1F0
RGB	201, 225, 240
RGB Percent	79%, 88%, 94%
CMY	0.2119, 0.1176, 0.0590
CMYK	0.16, 0.06, 0.00, 0.06
HSL	203°, 56%, 86%
HSV	203°, 16%, 94%
XYZ	66.7312, 72.5592, 92.8990
YIQ	219.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

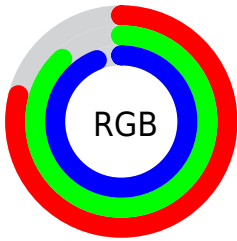
Format	Color
R _Y B	201, 216, 240
Decimal	13230576
CIE Lab	88.24, -4.90, -9.97
CIE LCh	88, 11.113, 243.809
Yxy	72.5592, 0.2874, 0.3125
Android (android.graphics.Color)	4291420656 (0xFFC9E1F0)
YUV	219.5340, 10.0897, -16.2543
Hunter-Lab	85.1817, -9.2312, -5.0344

Details

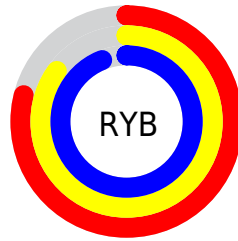
The Yxy color **72.5592, 0.2874, 0.3125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8093, 0.3411, 0.3450**, and the grayscale version is **71.1649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4132, 0.2819, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **64.6504, 0.2717, 0.3009**, and if you desaturate by 10%, it is **81.2616, 0.3031, 0.3230**.

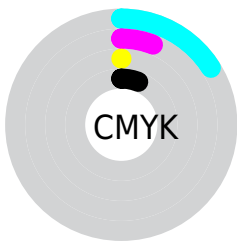
Distribution



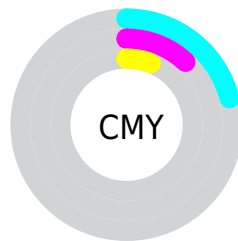
- Red (79%)
- Green (88%)
- Blue (94%)



- Red (79%)
- Yellow (85%)
- Blue (94%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5592, 0.2874, 0.3125 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 72.5592, 0.2874, 0.3125 by changing the saturation by 10% instead.

■ 72.5592, 0.2874,
0.3125

■ 72.5592, 0.2874,
0.3125

469.4856, 0.2990,
0.3202

■ 53.6156, 0.2848,
0.3107

122.8512, 0.2914,
0.3152

■ 38.2944, 0.2815,
0.3085

154.9685, 0.2930,
0.3162

■ 26.2113, 0.2774,
0.3057

192.2457, 0.2943,
0.3171

■ 16.9818, 0.2721,
0.3020

235.0673, 0.2955,
0.3179

■ 10.2215, 0.2649,
0.2970

283.8177, 0.2966,
0.3186

■ 5.5461, 0.2545,
0.2896

338.8813, 0.2975,

■ 2.5711, 0.2387,

0.3192

0.2779

400.6425, 0.2983,
0.3197

0.9121, 0.2106,
0.2572

0.0000, 0.0000,
0.0000

72.5592, 0.2874,
0.3125

72.5592, 0.2874,
0.3125

64.6504, 0.2717,
0.3009

81.2616, 0.3031,
0.3230

57.4980, 0.2562,
0.2884

90.7751, 0.3184,
0.3324

51.0748, 0.2413,
0.2749

97.5600, 0.3217,
0.3412

45.3480, 0.2274,
0.2606

99.0693, 0.3215,
0.3435

■ 40.2819, 0.2151,
0.2458

■ 35.8362, 0.2045,
0.2308

■ 31.9647, 0.1961,
0.2159

■ 28.6109, 0.1898,
0.2014

■ 27.4541, 0.1878,
0.1960

Harmonies

Analogous

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



72.5592, 0.2883, 0.3228



72.5592, 0.2874, 0.3125



72.5592, 0.2932, 0.3069

Triad

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



72.5592, 0.2874, 0.3125



72.5592, 0.3301, 0.3228



72.5592, 0.3209, 0.3520

Complementary

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



72.5592, 0.2874, 0.3125



71.8093, 0.3411, 0.3450

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.



72.5592, 0.3324, 0.3515



72.5592, 0.2874, 0.3125



72.5592, 0.3378, 0.3344

Square

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



72.5592, 0.2874, 0.3125



72.5592, 0.3177, 0.3129



72.5592, 0.3387, 0.3449



72.5592, 0.3074, 0.3459

Rectangle

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



72.5592, 0.2874, 0.3125



72.5592, 0.3001, 0.3064



72.5592, 0.3387, 0.3449



72.5592, 0.3251, 0.3525

Sweetspot

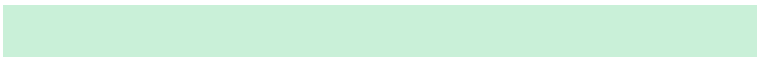
The Sweet Spot groups the original color and five complimentary colors.



72.5622, 0.2874, 0.3125



94.5818, 0.3050, 0.3242



79.6684, 0.3018, 0.3556



20.0855, 0.3039, 0.3235



0.0000, 0.0000, 0.0000



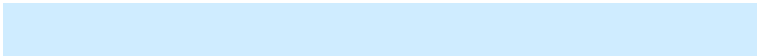
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5622, 0.2874, 0.3125



80.6549, 0.2830, 0.3094



62.6173, 0.2864, 0.2904



16.8517, 0.2980, 0.3197



15.2987, 0.1884, 0.1983



1.4645, 0.1937, 0.2174

Inverse Universe

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



65.7183, 0.3254, 0.3038



71.7486, 0.3280, 0.2992



82.3913, 0.3379, 0.3649



15.9227, 0.3197, 0.3145



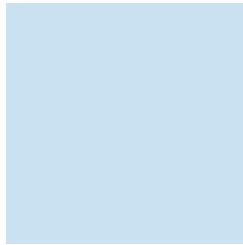
11.3378, 0.4472, 0.2237



0.9626, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 72.5592, 0.2874, 0.3125 looks on a white background.

Color Contrast Check

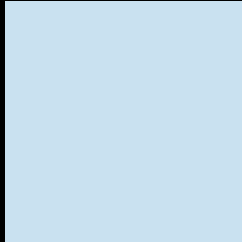
Large Text (above 18pt) WCAG AA × Fail

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 72.5592, 0.2874, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

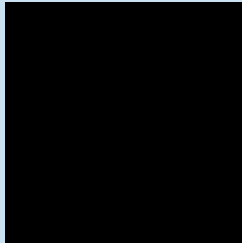
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

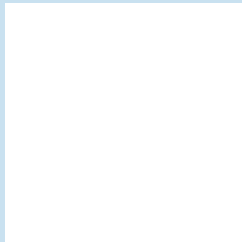
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5592, 0.2874, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 72.5592, 0.2874, 0.3125.



This preview shows how white text looks on a background with the Yxy color 72.5592, 0.2874, 0.3125.

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

72.5592, 0.2874, 0.3125

Protanopia

72.5165, 0.3017, 0.3108

Deuteranopia

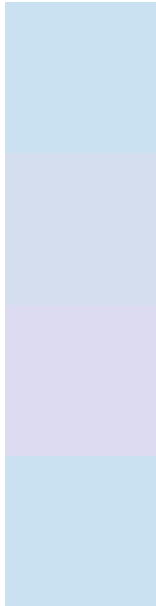
72.3353, 0.3076, 0.3010



Tritanopia

72.6787, 0.2862, 0.3103

Trichromacy



Original Color

72.5592, 0.2874, 0.3125

Protanomaly

72.5617, 0.2963, 0.3117

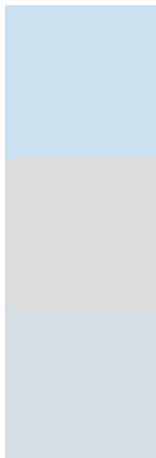
Deuteranomaly

72.3861, 0.2999, 0.3056

Tritanomaly

72.6188, 0.2868, 0.3114

Monochromacy



Original Color

72.5592, 0.2874, 0.3125

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9347, 0.3032, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5592, 0.2874, 0.3125 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(201, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 240)  
}
```

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(201, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 240) }
```

Border

The CSS property to change the border of an element to Yxy 72.5592, 0.2874, 0.3125 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(201, 225, 240) }
```

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

```
.border{ border-color:rgb(201, 225, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5592, 0.2874, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 240) }
```

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

```
.background{ background-color: rgb(201,  
225, 240) }
```

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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