

Converting Colors

$Yxy(72.8745, 0.2901, 0.3094)$

Have a look what the booklet for
Yxy(72.8745, 0.2901, 0.3094)
contains.

Yxy(72.9875, 0.2900, 0.3094)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9875, 0.2900, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0F2
RGB	207, 224, 242
RGB Percent	81%, 88%, 95%
CMY	0.1883, 0.1215, 0.0509
CMYK	0.14, 0.07, 0.00, 0.05
HSL	211°, 57%, 88%
HSV	211°, 14%, 95%
XYZ	68.4110, 72.9875, 94.5016
YIQ	220.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

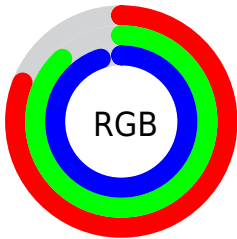
Format	Color
R _Y B	207, 218, 242
Decimal	13623538
CIE Lab	88.44, -2.09, -10.70
CIE LCh	88, 10.906, 258.955
Yxy	72.9875, 0.2900, 0.3094
Android (android.graphics.Color)	4291813618 (0xFFCFE0F2)
YUV	220.9690, 10.3683, -12.2508
Hunter-Lab	85.4327, -6.5717, -5.7809

Details

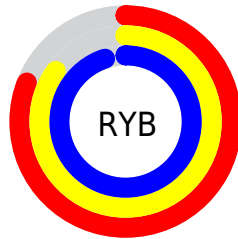
The Yxy color **72.9875, 0.2900, 0.3094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2258, 0.3369, 0.3479**, and the grayscale version is **72.2172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5965, 0.2844, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **63.3254, 0.2736, 0.2940**, and if you desaturate by 10%, it is **83.6790, 0.3058, 0.3233**.

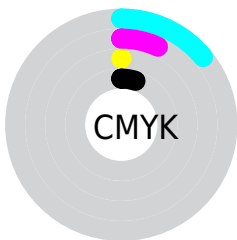
Distribution



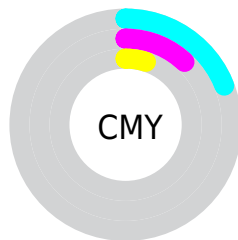
- Red (81%)
- Green (88%)
- Blue (95%)



- Red (81%)
- Yellow (85%)
- Blue (95%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9875, 0.2900, 0.3094 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 72.9875, 0.2900, 0.3094 by changing the saturation by 10% instead.

■ 72.9875, 0.2900,
0.3094

■ 72.9875, 0.2900,
0.3094

470.9715, 0.3005,
0.3185

■ 53.9657, 0.2876,
0.3073

123.4595, 0.2936,
0.3126

■ 38.5743, 0.2847,
0.3048

155.6785, 0.2950,
0.3138

■ 26.4287, 0.2810,
0.3015

193.0653, 0.2962,
0.3148

■ 17.1446, 0.2762,
0.2973

236.0045, 0.2973,
0.3158

■ 10.3377, 0.2697,
0.2915

284.8802, 0.2982,
0.3166

■ 5.6234, 0.2604,
0.2832

340.0771, 0.2991,

■ 2.6175, 0.2461,

0.3173

0.2702

401.9794, 0.2998,
0.3179

0.9355, 0.2214,
0.2474

0.0000, 0.0000,
0.0000

72.9875, 0.2900,
0.3094

72.9875, 0.2900,
0.3094

63.3254, 0.2736,
0.2940

83.6790, 0.3058,
0.3233

54.6488, 0.2570,
0.2771

95.3518, 0.3207,
0.3356

46.9241, 0.2406,
0.2588

99.1920, 0.3203,
0.3415

40.1115, 0.2248,
0.2394

■ 34.1682, 0.2102,
0.2193

■ 29.0468, 0.1974,
0.1990

■ 24.6936, 0.1868,
0.1791

■ 21.0453, 0.1787,
0.1602

■ 19.2871, 0.1751,
0.1503

Harmonies

Analogous

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



72.9875, 0.2875, 0.3174



72.9875, 0.2900, 0.3094



72.9875, 0.2985, 0.3068

Triad

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



72.9875, 0.2900, 0.3094



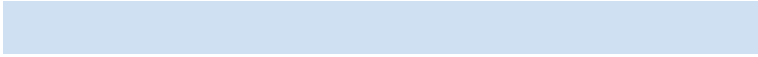
72.9875, 0.3343, 0.3286



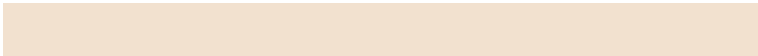
72.9875, 0.3141, 0.3492

Complementary

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



72.9875, 0.2900, 0.3094



77.2258, 0.3369, 0.3479

Split Complementary

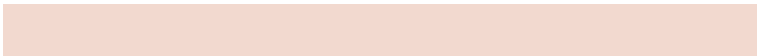
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9875, 0.3268, 0.3521



72.9875, 0.2900, 0.3094



72.9875, 0.3386, 0.3398

Square

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



72.9875, 0.2900, 0.3094



72.9875, 0.3241, 0.3178



72.9875, 0.3358, 0.3485



72.9875, 0.3012, 0.3406

Rectangle

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



72.9875, 0.2900, 0.3094



72.9875, 0.3065, 0.3082



72.9875, 0.3358, 0.3485



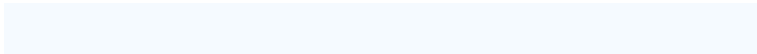
72.9875, 0.3185, 0.3509

Sweetspot

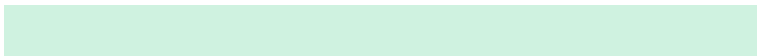
The Sweet Spot groups the original color and five complimentary colors.



72.9905, 0.2900, 0.3094



94.8177, 0.3066, 0.3239



82.1867, 0.3006, 0.3480



20.0909, 0.3054, 0.3229



0.0000, 0.0000, 0.0000



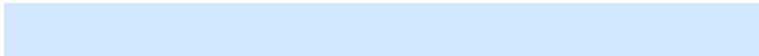
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9905, 0.2900, 0.3094



79.2865, 0.2858, 0.3056



64.2863, 0.2893, 0.2904



16.4972, 0.2980, 0.3165



10.6308, 0.1759, 0.1532



1.0829, 0.1826, 0.1775

Inverse Universe

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



68.8759, 0.3271, 0.3113



74.0396, 0.3301, 0.3080



86.9009, 0.3344, 0.3649



15.8869, 0.3217, 0.3176



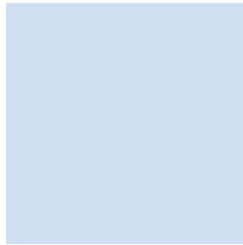
10.8665, 0.5017, 0.2538



0.9240, 0.4716, 0.2371

Previews

White Background



This preview shows how the Yxy color 72.9875, 0.2900, 0.3094 looks on a white background.

Color Contrast Check

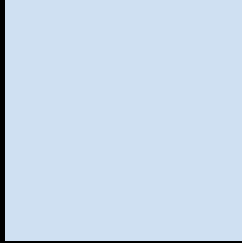
Large Text (above 18pt) WCAG AA × Fail

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 72.9875, 0.2900, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

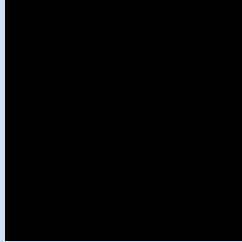
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

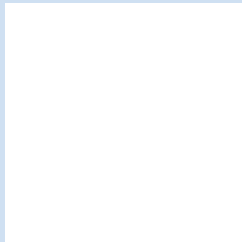
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9875, 0.2900, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 72.9875, 0.2900, 0.3094.

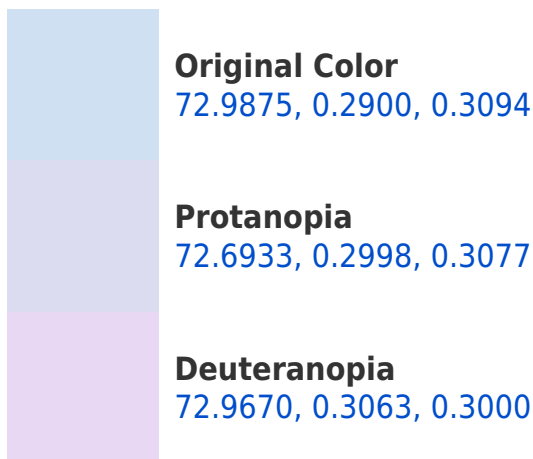


This preview shows how white text looks on a background with the Yxy color 72.9875, 0.2900, 0.3094.

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

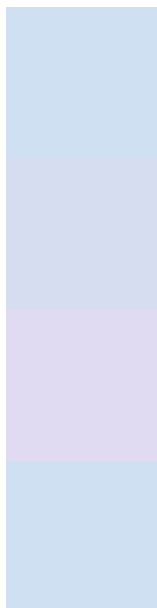




Tritanopia

72.9875, 0.2900, 0.3094

Trichromacy



Original Color

72.9875, 0.2900, 0.3094

Protanomaly

72.5108, 0.2958, 0.3075

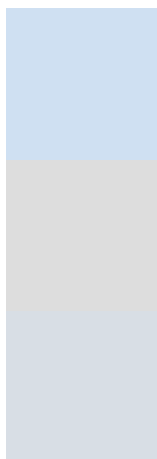
Deuteranomaly

72.9814, 0.3007, 0.3037

Tritanomaly

72.9875, 0.2900, 0.3094

Monochromacy



Original Color

72.9875, 0.2900, 0.3094

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4986, 0.3040, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9875, 0.2900, 0.3094 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, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 242)  
}
```

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, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.9875, 0.2900, 0.3094 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, 224, 242) }
```

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

```
.border{ border-color:rgb(207, 224, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9875, 0.2900, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 224, 242) }
```

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

```
.background{ background-color: rgb(207,  
224, 242) }
```

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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