

Converting Colors

$Yxy(73.2723, 0.2907, 0.3097)$

Have a look what the booklet for
Yxy(73.2723, 0.2907, 0.3097)
contains.

Yxy(73.1320, 0.2907, 0.3095)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1320, 0.2907, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	D0E0F2
RGB	208, 224, 242
RGB Percent	82%, 88%, 95%
CMY	0.1843, 0.1215, 0.0511
CMYK	0.14, 0.07, 0.00, 0.05
HSL	212°, 57%, 88%
HSV	212°, 14%, 95%
XYZ	68.6897, 73.1320, 94.4691
YIQ	221.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

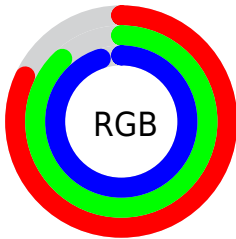
Format	Color
R _Y B	208, 219, 242
Decimal	13689074
CIE Lab	88.51, -1.78, -10.56
CIE LCh	89, 10.712, 260.443
Yxy	73.1320, 0.2907, 0.3095
Android (android.graphics.Color)	4291879154 (0xFFD0E0F2)
YUV	221.2680, 10.2209, -11.6360
Hunter-Lab	85.5172, -6.2792, -5.6343

Details

The Yxy color **73.1320, 0.2907, 0.3095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7909, 0.3361, 0.3478**, and the grayscale version is **72.4396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6934, 0.2852, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **63.2727, 0.2743, 0.2937**, and if you desaturate by 10%, it is **84.0495, 0.3065, 0.3237**.

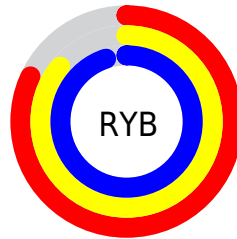
Distribution



Red (82%)

Green (88%)

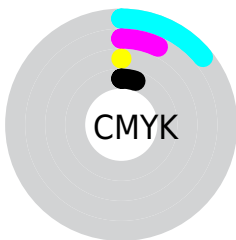
Blue (95%)



Red (82%)

Yellow (86%)

Blue (95%)

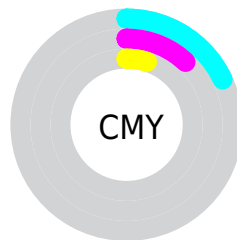


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (18%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1320, 0.2907, 0.3095 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 73.1320, 0.2907, 0.3095 by changing the saturation by 10% instead.

■ 73.1320, 0.2907,
0.3095

■ 73.1320, 0.2907,
0.3095

471.4722, 0.3008,
0.3185

■ 54.0839, 0.2884,
0.3074

123.6646, 0.2942,
0.3126

■ 38.6687, 0.2856,
0.3049

155.9179, 0.2956,
0.3138

■ 26.5021, 0.2820,
0.3017

193.3417, 0.2967,
0.3149

■ 17.1997, 0.2773,
0.2975

236.3204, 0.2978,
0.3158

■ 10.3769, 0.2710,
0.2917

285.2384, 0.2987,
0.3166

■ 5.6496, 0.2620,
0.2835

340.4801, 0.2995,

■ 2.6332, 0.2481,

0.3173

0.2707

402.4299, 0.3002,
0.3180

■ 0.9434, 0.2242,
0.2482

■ 0.0000, 0.0000,
0.0000

■ 73.1320, 0.2907,
0.3095

■ 73.1320, 0.2907,
0.3095

■ 63.2727, 0.2743,
0.2937

■ 84.0495, 0.3065,
0.3237

■ 54.4271, 0.2576,
0.2763

■ 95.7848, 0.3207,
0.3364

■ 46.5604, 0.2410,
0.2575

■ 99.1885, 0.3203,
0.3415

■ 39.6322, 0.2249,
0.2376

■ 33.5987, 0.2101,
0.2169

■ 28.4117, 0.1969,
0.1961

■ 24.0165, 0.1860,
0.1757

■ 20.3492, 0.1777,
0.1563

■ 18.4580, 0.1738,
0.1455

Harmonies

Analogous

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



73.1320, 0.2879, 0.3171



73.1320, 0.2907, 0.3095



73.1320, 0.2993, 0.3072

Triad

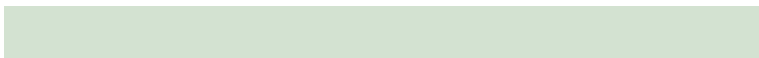
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1320, 0.2907, 0.3095



73.1320, 0.3343, 0.3292



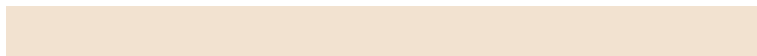
73.1320, 0.3134, 0.3486

Complementary

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



73.1320, 0.2907, 0.3095



77.7909, 0.3361, 0.3478

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.



73.1320, 0.3260, 0.3516



73.1320, 0.2907, 0.3095



73.1320, 0.3382, 0.3401

Square

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



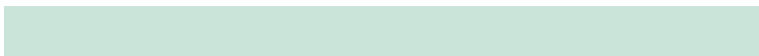
73.1320, 0.2907, 0.3095



73.1320, 0.3245, 0.3184



73.1320, 0.3351, 0.3484



73.1320, 0.3009, 0.3399

Rectangle

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



73.1320, 0.2907, 0.3095



73.1320, 0.3073, 0.3088



73.1320, 0.3351, 0.3484



73.1320, 0.3178, 0.3503

Sweetspot

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



73.1350, 0.2907, 0.3095



94.7247, 0.3066, 0.3237



82.3577, 0.3007, 0.3467



20.0673, 0.3054, 0.3227



0.0000, 0.0000, 0.0000



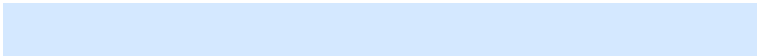
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1350, 0.2907, 0.3095



78.9268, 0.2858, 0.3049



65.0119, 0.2905, 0.2917



16.4576, 0.2980, 0.3162



10.1881, 0.1746, 0.1484



1.0452, 0.1814, 0.1731

Inverse Universe

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



69.3643, 0.3270, 0.3124



74.0033, 0.3306, 0.3086



86.8064, 0.3334, 0.3638



15.8829, 0.3219, 0.3179



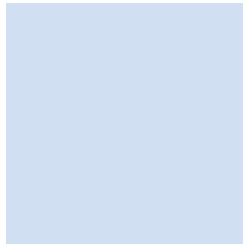
10.8218, 0.5079, 0.2572



0.9202, 0.4769, 0.2401

Previews

White Background



This preview shows how the Yxy color 73.1320, 0.2907, 0.3095 looks on a white background.

Color Contrast Check

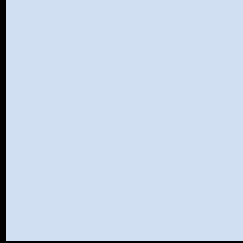
Large Text (above 18pt) WCAG AA × Fail

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 73.1320, 0.2907, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

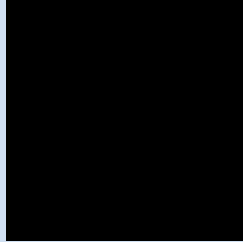
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

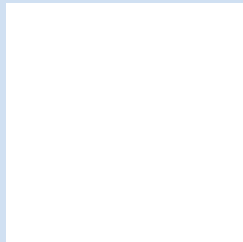
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1320, 0.2907, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 73.1320, 0.2907, 0.3095.



This preview shows how white text looks on a background with the Yxy color 73.1320, 0.2907, 0.3095.

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

73.1320, 0.2907, 0.3095

Protanopia

72.8498, 0.3005, 0.3077

Deuteranopia

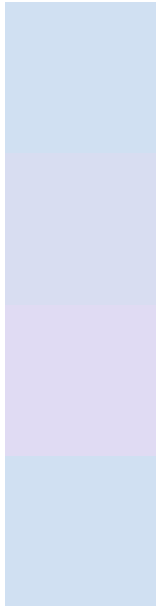
72.9670, 0.3063, 0.3000



Tritanopia

73.1320, 0.2907, 0.3095

Trichromacy



Original Color

73.1320, 0.2907, 0.3095

Protanomaly

72.6627, 0.2965, 0.3075

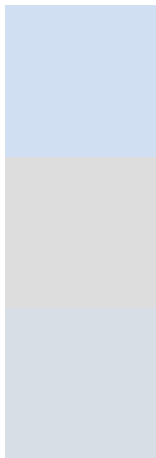
Deuteranomaly

72.9814, 0.3007, 0.3037

Tritanomaly

73.1320, 0.2907, 0.3095

Monochromacy



Original Color

73.1320, 0.2907, 0.3095

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 73.1320, 0.2907, 0.3095 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(208, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 242) }
```

Border

The CSS property to change the border of an element to Yxy 73.1320, 0.2907, 0.3095 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(208, 224, 242) }
```

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

```
.border{ border-color:rgb(208, 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(208, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1320, 0.2907, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 242) }
```

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

```
.background{ background-color: rgb(208,  
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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