

Converting Colors

$Yxy(62.6973, 0.2903, 0.2963)$

Have a look what the booklet for
Yxy(62.6973, 0.2903, 0.2963)
contains.

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Color

Yxy(62.6973, 0.2903, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	CACEEB
RGB	202, 206, 235
RGB Percent	79%, 81%, 92%
CMY	0.2078, 0.1922, 0.0784
CMYK	0.14, 0.12, 0.00, 0.08
HSL	233°, 45%, 86%
HSV	233°, 14%, 92%
XYZ	61.4277, 62.6973, 87.4757
YIQ	208.1100, -11.6930, 8.1710

Conversions

Conversions Part 2

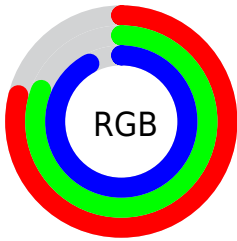
Format	Color
R _Y B	202, 206, 235
Decimal	13291243
CIE Lab	83.28, 4.35, -14.75
CIE LCh	83, 15.376, 286.434
Yxy	62.6973, 0.2903, 0.2963
Android (android.graphics.Color)	4291481323 (0xFFCACEEB)
YUV	208.1100, 13.2568, -5.3585
Hunter-Lab	79.1816, -0.0907, -10.0734

Details

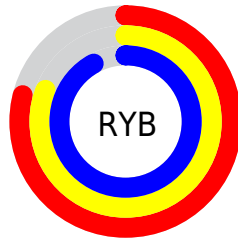
The Yxy color **62.6973, 0.2903, 0.2963** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0996, 0.3343, 0.3597**, and the grayscale version is **63.0725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0070, 0.2851, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **50.3641, 0.2723, 0.2695**, and if you desaturate by 10%, it is **76.8427, 0.3066, 0.3202**.

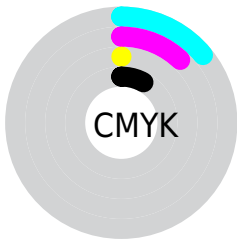
Distribution



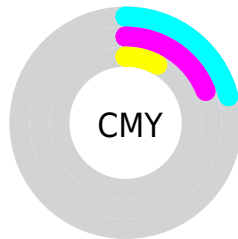
- Red (79%)
- Green (81%)
- Blue (92%)



- Red (79%)
- Yellow (81%)
- Blue (92%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6973, 0.2903, 0.2963 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 62.6973, 0.2903, 0.2963 by changing the saturation by 10% instead.

■ 62.6973, 0.2903,
0.2963

■ 62.6973, 0.2903,
0.2963

434.4701, 0.3010,
0.3116

■ 45.5964, 0.2878,
0.2928

108.7327, 0.2941,
0.3017

■ 31.9274, 0.2847,
0.2884

138.4359, 0.2955,
0.3037

■ 21.3061, 0.2807,
0.2828

173.1088, 0.2967,
0.3055

■ 13.3479, 0.2753,
0.2754

213.1355, 0.2978,
0.3070

■ 7.6686, 0.2679,
0.2653

258.9007, 0.2987,
0.3084

■ 3.8836, 0.2569,
0.2505

310.7885, 0.2996,

■ 1.6087, 0.2391,

0.3096

0.2272

369.1835, 0.3003,
0.3107

0.3634, 0.1947,
0.1567

0.0000, 0.0000,
0.0000

62.6973, 0.2903,
0.2963

62.6973, 0.2903,
0.2963

50.3641, 0.2723,
0.2695

76.8427, 0.3066,
0.3202

39.7621, 0.2529,
0.2399

92.8613, 0.3212,
0.3411

30.8159, 0.2326,
0.2083

98.7793, 0.3244,
0.3483

23.4412, 0.2122,
0.1757

■ 17.5464, 0.1931,
0.1440

■ 13.0303, 0.1764,
0.1153

■ 9.7787, 0.1635,
0.0915

■ 7.6582, 0.1552,
0.0744

■ 6.8490, 0.1521,
0.0675

Harmonies

Analogous

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



62.6973, 0.2786, 0.3006



62.6973, 0.2903, 0.2963



62.6973, 0.3083, 0.3003

Triad

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



62.6973, 0.2903, 0.2963



62.6973, 0.3512, 0.3433



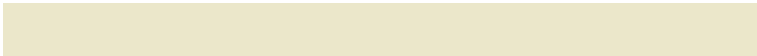
62.6973, 0.2971, 0.3477

Complementary

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



62.6973, 0.2903, 0.2963



79.0996, 0.3343, 0.3597

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.



62.6973, 0.3162, 0.3601



62.6973, 0.2903, 0.2963



62.6973, 0.3478, 0.3568

Square

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



62.6973, 0.2903, 0.2963



62.6973, 0.3438, 0.3268



62.6973, 0.3349, 0.3633



62.6973, 0.2824, 0.3301

Rectangle

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



62.6973, 0.2903, 0.2963



62.6973, 0.3215, 0.3069



62.6973, 0.3349, 0.3633



62.6973, 0.3032, 0.3527

Sweetspot

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



62.6999, 0.2903, 0.2963



92.5279, 0.3067, 0.3202



77.7343, 0.2939, 0.3338



19.5128, 0.3055, 0.3185



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.



62.6999, 0.2903, 0.2963



70.7335, 0.2850, 0.2885



62.5587, 0.2989, 0.2927



14.8421, 0.2980, 0.3076



3.9075, 0.1525, 0.0691



0.4026, 0.1576, 0.0875

Inverse Universe

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



64.3679, 0.3357, 0.3247



73.1761, 0.3416, 0.3238



79.3677, 0.3253, 0.3647



15.0837, 0.3274, 0.3262



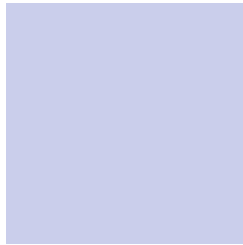
9.8873, 0.6248, 0.3216



0.7861, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 62.6973, 0.2903, 0.2963 looks on a white background.

Color Contrast Check

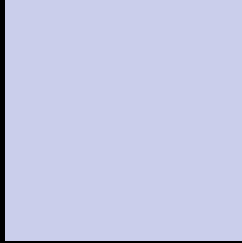
Large Text (above 18pt) WCAG AA × Fail

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 62.6973, 0.2903, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

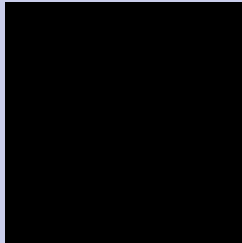
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6973, 0.2903, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 62.6973, 0.2903, 0.2963.

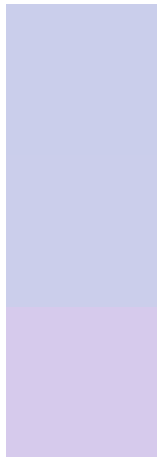


This preview shows how white text looks on a background with the Yxy color 62.6973, 0.2903, 0.2963.

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

62.6973, 0.2903, 0.2963

Protanopia

62.8373, 0.2910, 0.2964

Deuteranopia

62.5933, 0.2981, 0.2916



Tritanopia

62.7729, 0.2961, 0.3106

Trichromacy



Original Color

62.6973, 0.2903, 0.2963

Protanomaly

62.8373, 0.2910, 0.2964

Deuteranomaly

62.4696, 0.2952, 0.2924

Tritanomaly

62.6446, 0.2941, 0.3051

Monochromacy



Original Color

62.6973, 0.2903, 0.2963

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8094, 0.3044, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6973, 0.2903, 0.2963 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, 206, 235)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 235)  
}
```

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, 206, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.6973, 0.2903, 0.2963 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, 206, 235) }
```

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

```
.border{ border-color:rgb(202, 206, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 235);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
235) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.6973, 0.2903, 0.2963$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 235) }
```

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

```
.background{ background-color: rgb(202,  
206, 235) }
```

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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