

Converting Colors

Yxy(64.0658, 0.2994, 0.3085)

Have a look what the booklet for
Yxy(64.0658, 0.2994, 0.3085)
contains.

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Color

Yxy(63.9232, 0.2991, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	CFD0E3
RGB	207, 208, 227
RGB Percent	81%, 82%, 89%
CMY	0.1882, 0.1843, 0.1098
CMYK	0.09, 0.08, 0.00, 0.11
HSL	237°, 26%, 85%
HSV	237°, 9%, 89%
XYZ	62.1568, 63.9232, 81.7328
YIQ	209.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

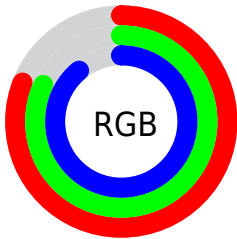
Format	Color
R _Y B	207, 208, 227
Decimal	13619427
CIE Lab	83.93, 3.28, -9.48
CIE LCh	84, 10.031, 289.101
Yxy	63.9232, 0.2991, 0.3076
Android (android.graphics.Color)	4291809507 (0xFFCFD0E3)
YUV	209.8670, 8.4466, -2.5144
Hunter-Lab	79.9520, -1.1453, -4.6442

Details

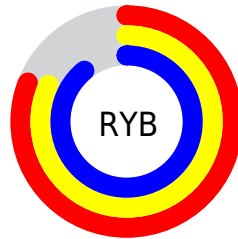
The Yxy color **63.9232, 0.2991, 0.3076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2400, 0.3259, 0.3495**, and the grayscale version is **64.3071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8621, 0.2957, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **51.0673, 0.2818, 0.2802**, and if you desaturate by 10%, it is **78.6874, 0.3145, 0.3317**.

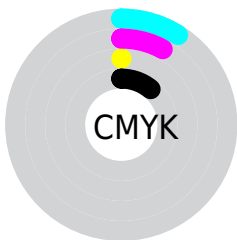
Distribution



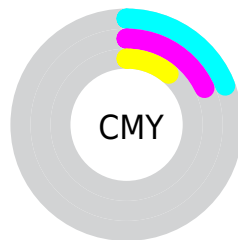
- Red (81%)
- Green (82%)
- Blue (89%)



- Red (81%)
- Yellow (82%)
- Blue (89%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9232, 0.2991, 0.3076 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 63.9232, 0.2991, 0.3076 by changing the saturation by 10% instead.

■ 63.9232, 0.2991,
0.3076

■ 63.9232, 0.2991,
0.3076

438.9122, 0.3056,
0.3177

■ 46.5885, 0.2976,
0.3053

110.5003, 0.3014,
0.3111

■ 32.7104, 0.2957,
0.3024

140.5115, 0.3023,
0.3125

■ 21.9047, 0.2932,
0.2987

175.5170, 0.3030,
0.3136

■ 13.7869, 0.2900,
0.2938

215.9011, 0.3037,
0.3147

■ 7.9726, 0.2855,
0.2870

262.0483, 0.3042,
0.3155

■ 4.0774, 0.2787,
0.2771

314.3430, 0.3047,

■ 1.7170, 0.2675,

0.3163

0.2610

373.1695, 0.3052,
0.3170

0.4346, 0.2378,
0.2095

0.0000, 0.0000,
0.0000

63.9232, 0.2991,
0.3076

63.9232, 0.2991,
0.3076

51.0673, 0.2818,
0.2802

78.6874, 0.3145,
0.3317

40.0340, 0.2627,
0.2497

95.4247, 0.3279,
0.3527

30.7434, 0.2421,
0.2167

98.3259, 0.3292,
0.3562

23.1064, 0.2210,
0.1823

■ 17.0257, 0.2004,
0.1484

■ 12.3944, 0.1818,
0.1173

■ 9.0917, 0.1668,
0.0917

■ 6.9773, 0.1565,
0.0734

■ 5.8696, 0.1511,
0.0631

Harmonies

Analogous

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



63.9232, 0.2909, 0.3101



63.9232, 0.2991, 0.3076



63.9232, 0.3111, 0.3106

Triad

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



63.9232, 0.2991, 0.3076



63.9232, 0.3376, 0.3395



63.9232, 0.3016, 0.3401

Complementary

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



63.9232, 0.2991, 0.3076



75.2400, 0.3259, 0.3495

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.



63.9232, 0.3140, 0.3484



63.9232, 0.2991, 0.3076



63.9232, 0.3349, 0.3477

Square

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



63.9232, 0.2991, 0.3076



63.9232, 0.3335, 0.3287



63.9232, 0.3262, 0.3512



63.9232, 0.2923, 0.3288

Rectangle

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



63.9232, 0.2991, 0.3076



63.9232, 0.3196, 0.3153



63.9232, 0.3262, 0.3512



63.9232, 0.3055, 0.3434

Sweetspot

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



63.9259, 0.2991, 0.3076



94.0234, 0.3082, 0.3219



73.6963, 0.2998, 0.3301



19.7914, 0.3070, 0.3200



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.



63.9259, 0.2991, 0.3076



79.2076, 0.2953, 0.3017



64.7826, 0.3056, 0.3069



13.9997, 0.2980, 0.3059



3.4242, 0.1509, 0.0632



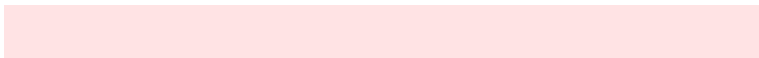
0.2932, 0.1533, 0.0720

Inverse Universe

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



65.5206, 0.3273, 0.3280



81.7902, 0.3315, 0.3277



74.3497, 0.3194, 0.3510



14.3794, 0.3285, 0.3279



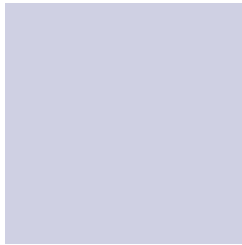
9.5434, 0.6347, 0.3270



0.7093, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 63.9232, 0.2991, 0.3076 looks on a white background.

Color Contrast Check

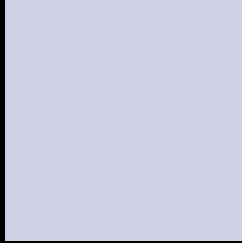
Large Text (above 18pt) WCAG AA × Fail

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 63.9232, 0.2991, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

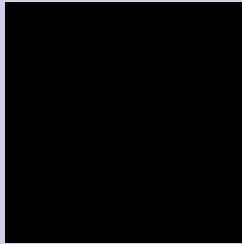
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

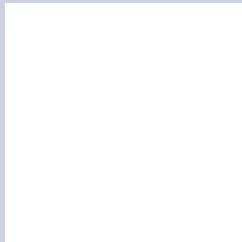
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9232, 0.2991, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 63.9232, 0.2991, 0.3076.

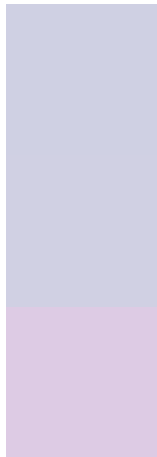


This preview shows how white text looks on a background with the Yxy color 63.9232, 0.2991, 0.3076.

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

63.9232, 0.2991, 0.3076

Protanopia

64.0677, 0.2998, 0.3076

Deuteranopia

63.6855, 0.3087, 0.3017



Tritanopia

63.8134, 0.3004, 0.3098

Trichromacy



Original Color

63.9232, 0.2991, 0.3076

Protanomaly

64.0677, 0.2998, 0.3076

Deuteranomaly

63.8630, 0.3050, 0.3036

Tritanomaly

63.8681, 0.2997, 0.3087

Monochromacy



Original Color

63.9232, 0.2991, 0.3076

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1141, 0.3079, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9232, 0.2991, 0.3076 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, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 227)  
}
```

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, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 63.9232, 0.2991, 0.3076 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, 208, 227) }
```

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

```
.border{ border-color:rgb(207, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9232, 0.2991, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 227) }
```

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

```
.background{ background-color: rgb(207,  
208, 227) }
```

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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