

Converting Colors

Yxy(62.1271, 0.2899, 0.3070)

Have a look what the booklet for
Yxy(62.1271, 0.2899, 0.3070)
contains.

Yxy(62.1271, 0.2899, 0.3070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.1271, 0.2899, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	C2D0E3
RGB	194, 208, 227
RGB Percent	76%, 82%, 89%
CMY	0.2393, 0.1843, 0.1098
CMYK	0.15, 0.08, 0.00, 0.11
HSL	215°, 37%, 83%
HSV	215°, 15%, 89%
XYZ	58.6666, 62.1271, 81.5747
YIQ	205.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

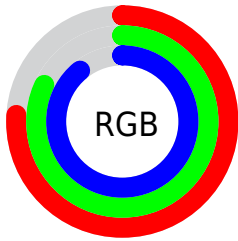
Format	Color
RYB	194, 204, 227
Decimal	12767459
CIELab	82.98, -0.93, -10.99
CIElCh	83, 11.029, 265.188
Yxy	62.1271, 0.2899, 0.3070
Android (android.graphics.Color)	4290957539 (0xFFC2D0E3)
YUV	205.9800, 10.3629, -10.5065
Hunter-Lab	78.8207, -5.0780, -6.1870

Details

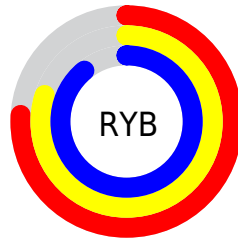
The Yxy color $62.1271, 0.2899, 0.3070$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.8061, 0.3366, 0.3501$, and the grayscale version is $61.6476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.2492, 0.3102, 0.3290$, and $31.6652, 0.2838, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $53.2432, 0.2733, 0.2897$, and if you desaturate by 10%, it is $71.9994, 0.3058, 0.3225$.

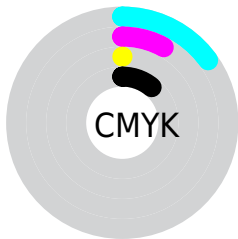
Distribution



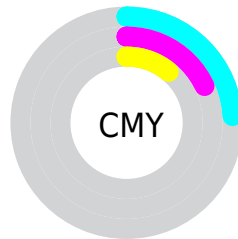
- Red (76%)
- Green (82%)
- Blue (89%)



- Red (76%)
- Yellow (80%)
- Blue (89%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1271, 0.2899, 0.3070 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 62.1271, 0.2899, 0.3070 by changing the saturation by 10% instead.

■ 62.1271, 0.2899,
0.3070

■ 62.1271, 0.2899,
0.3070

■ 432.3946, 0.3007,
0.3175

■ 45.1354, 0.2874,
0.3045

■ 107.9092, 0.2937,
0.3107

■ 31.5641, 0.2842,
0.3015

■ 137.4684, 0.2952,
0.3121

■ 21.0288, 0.2802,
0.2975

■ 171.9856, 0.2964,
0.3133

■ 13.1450, 0.2748,
0.2923

■ 211.8451, 0.2975,
0.3144

■ 7.5285, 0.2673,
0.2849

■ 257.4313, 0.2985,
0.3153

■ 3.7948, 0.2561,
0.2740

■ 309.1287, 0.2993,

■ 1.5594, 0.2379,

0.3161

0.2560

367.3217, 0.3000,
0.3168

0.3300, 0.1656,
0.1877

0.0000, 0.0000,
0.0000

62.1271, 0.2899,
0.3070

62.1271, 0.2899,
0.3070

53.2432, 0.2733,
0.2897

71.9994, 0.3058,
0.3225

45.3067, 0.2563,
0.2707

82.8838, 0.3208,
0.3363

38.2847, 0.2392,
0.2502

93.4439, 0.3300,
0.3488

32.1394, 0.2227,
0.2284

98.3263, 0.3292,
0.3562

■ 26.8296, 0.2072,
0.2060

■ 22.3104, 0.1936,
0.1835

■ 18.5311, 0.1822,
0.1618

■ 15.4324, 0.1736,
0.1416

■ 13.9851, 0.1698,
0.1313

Harmonies

Analogous

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



62.1271, 0.2858, 0.3144



62.1271, 0.2899, 0.3070



62.1271, 0.3000, 0.3055

Triad

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



62.1271, 0.2899, 0.3070



62.1271, 0.3373, 0.3311



62.1271, 0.3112, 0.3492

Complementary

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



62.1271, 0.2899, 0.3070



67.8061, 0.3366, 0.3501

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.



62.1271, 0.3251, 0.3536



62.1271, 0.2899, 0.3070



62.1271, 0.3404, 0.3427

Square

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



62.1271, 0.2899, 0.3070



62.1271, 0.3275, 0.3192



62.1271, 0.3359, 0.3511



62.1271, 0.2979, 0.3390

Rectangle

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



62.1271, 0.2899, 0.3070



62.1271, 0.3090, 0.3079



62.1271, 0.3359, 0.3511



62.1271, 0.3159, 0.3514

Sweetspot

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



62.1297, 0.2899, 0.3070



94.4292, 0.3066, 0.3233



71.1968, 0.2993, 0.3454



19.9926, 0.3054, 0.3222



0.0000, 0.0000, 0.0000



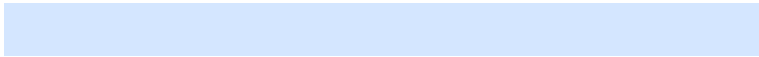
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1297, 0.2899, 0.3070



77.7915, 0.2857, 0.3027



55.8853, 0.2909, 0.2905



14.8883, 0.2981, 0.3151



8.3761, 0.1706, 0.1341



0.7998, 0.1785, 0.1626

Inverse Universe

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



59.4640, 0.3287, 0.3135



73.8886, 0.3320, 0.3106



74.8108, 0.3329, 0.3651



14.4691, 0.3226, 0.3191



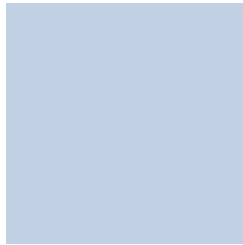
10.0433, 0.5271, 0.2677



0.7604, 0.4898, 0.2472

Previews

White Background



This preview shows how the Yxy color 62.1271, 0.2899, 0.3070 looks on a white background.

Color Contrast Check

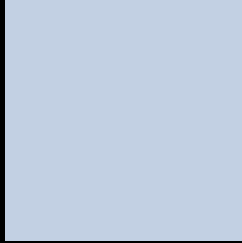
Large Text (above 18pt) WCAG AA × Fail

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 62.1271, 0.2899, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

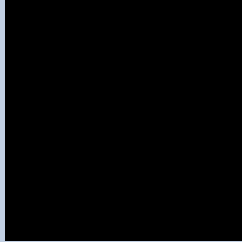
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

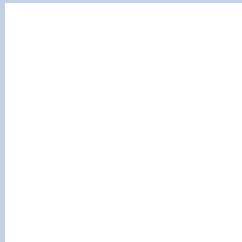
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1271, 0.2899, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 62.1271, 0.2899, 0.3070.



This preview shows how white text looks on a background with the Yxy color 62.1271, 0.2899, 0.3070.

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

62.1271, 0.2899, 0.3070

Protanopia

62.0780, 0.2990, 0.3063

Deuteranopia

61.9737, 0.3050, 0.2991



Tritanopia

62.0173, 0.2912, 0.3093

Trichromacy



Original Color

62.1271, 0.2899, 0.3070

Protanomaly

62.0511, 0.2954, 0.3061

Deuteranomaly

62.1971, 0.2991, 0.3020

Tritanomaly

62.0721, 0.2905, 0.3081

Monochromacy



Original Color

62.1271, 0.2899, 0.3070

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0372, 0.3042, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1271, 0.2899, 0.3070 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(194, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.1271, 0.2899, 0.3070 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(194, 208, 227) }
```

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

```
.border{ border-color:rgb(194, 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(194, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1271, 0.2899, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 227) }
```

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

```
.background{ background-color: rgb(194,  
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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