

Converting Colors

$Yxy(62.1629, 0.2952, 0.3031)$

Have a look what the booklet for
Yxy(62.1629, 0.2952, 0.3031)
contains.

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Color

Yxy(61.9606, 0.2955, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	CBCDE4
RGB	203, 205, 228
RGB Percent	80%, 80%, 89%
CMY	0.2039, 0.1961, 0.1057
CMYK	0.11, 0.10, 0.00, 0.11
HSL	235°, 32%, 85%
HSV	235°, 11%, 89%
XYZ	60.4668, 61.9606, 82.1981
YIQ	207.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

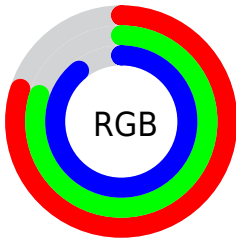
Format	Color
R _Y B	203, 205, 228
Decimal	13356516
CIE Lab	82.89, 3.77, -11.60
CIE LCh	83, 12.200, 287.984
Yxy	61.9606, 0.2955, 0.3028
Android (android.graphics.Color)	4291546596 (0xFFCBCDE4)
YUV	207.0240, 10.3412, -3.5290
Hunter-Lab	78.7151, -0.6323, -6.8129

Details

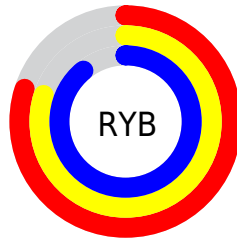
The Yxy color **61.9606, 0.2955, 0.3028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2234, 0.3293, 0.3539**, and the grayscale version is **62.3517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5399, 0.2910, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **49.6204, 0.2779, 0.2757**, and if you desaturate by 10%, it is **76.1227, 0.3113, 0.3268**.

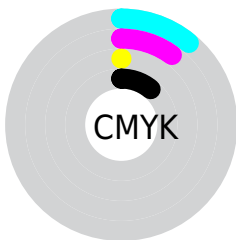
Distribution



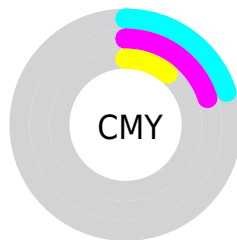
- Red (80%)
- Green (80%)
- Blue (89%)



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



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9606, 0.2955, 0.3028 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 61.9606, 0.2955, 0.3028 by changing the saturation by 10% instead.

■ 61.9606, 0.2955,
0.3028

■ 61.9606, 0.2955,
0.3028

431.7874, 0.3037,
0.3151

■ 45.0009, 0.2936,
0.2999

107.6686, 0.2984,
0.3071

■ 31.4581, 0.2911,
0.2964

137.1856, 0.2995,
0.3088

■ 20.9479, 0.2880,
0.2918

171.6572, 0.3005,
0.3102

■ 13.0859, 0.2838,
0.2857

211.4678, 0.3013,
0.3115

■ 7.4878, 0.2780,
0.2773

257.0017, 0.3020,
0.3126

■ 3.7690, 0.2692,
0.2650

308.6433, 0.3026,

■ 1.5452, 0.2547,

0.3135

0.2451

366.7771, 0.3032,
0.3144

0.3202, 0.2097,
0.1694

0.0000, 0.0000,
0.0000

61.9606, 0.2955,
0.3028

61.9606, 0.2955,
0.3028

49.6204, 0.2779,
0.2757

76.1227, 0.3113,
0.3268

39.0206, 0.2586,
0.2456

92.1682, 0.3252,
0.3478

30.0851, 0.2381,
0.2131

98.3835, 0.3285,
0.3552

22.7293, 0.2173,
0.1795

■ 16.8608, 0.1973,
0.1466

■ 12.3780, 0.1795,
0.1165

■ 9.1660, 0.1654,
0.0916

■ 7.0918, 0.1559,
0.0738

■ 6.0441, 0.1512,
0.0642

Harmonies

Analogous

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



61.9606, 0.2857, 0.3061



61.9606, 0.2955, 0.3028



61.9606, 0.3100, 0.3063

Triad

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



61.9606, 0.2955, 0.3028



61.9606, 0.3433, 0.3413



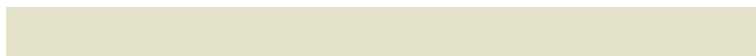
61.9606, 0.2996, 0.3432

Complementary

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



61.9606, 0.2955, 0.3028



75.2234, 0.3293, 0.3539

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.



61.9606, 0.3148, 0.3532



61.9606, 0.2955, 0.3028



61.9606, 0.3403, 0.3517

Square

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



61.9606, 0.2955, 0.3028



61.9606, 0.3379, 0.3280



61.9606, 0.3297, 0.3563



61.9606, 0.2880, 0.3292

Rectangle

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



61.9606, 0.2955, 0.3028



61.9606, 0.3206, 0.3118



61.9606, 0.3297, 0.3563



61.9606, 0.3044, 0.3472

Sweetspot

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



61.9632, 0.2955, 0.3028



94.1693, 0.3082, 0.3222



73.6922, 0.2972, 0.3313



19.8305, 0.3070, 0.3203



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.



61.9632, 0.2955, 0.3028



76.3076, 0.2920, 0.2974



62.5253, 0.3031, 0.3011



14.0715, 0.2980, 0.3067



3.5562, 0.1515, 0.0653



0.3276, 0.1554, 0.0793

Inverse Universe

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



63.6191, 0.3308, 0.3268



78.8320, 0.3347, 0.3264



74.6639, 0.3216, 0.3566



14.3866, 0.3280, 0.3272



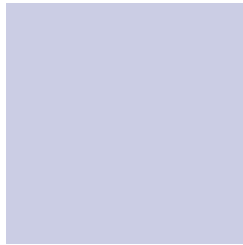
9.5567, 0.6311, 0.3250



0.7127, 0.6081, 0.3123

Previews

White Background



This preview shows how the Yxy color 61.9606, 0.2955, 0.3028 looks on a white background.

Color Contrast Check

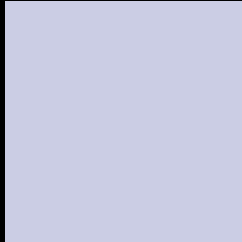
Large Text (above 18pt) WCAG AA × Fail

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 61.9606, 0.2955, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

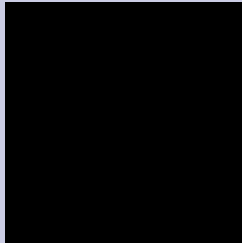
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

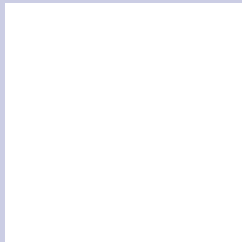
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9606, 0.2955, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 61.9606, 0.2955, 0.3028.

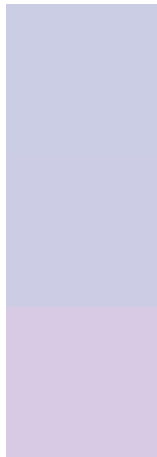


This preview shows how white text looks on a background with the Yxy color 61.9606, 0.2955, 0.3028.

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

61.9606, 0.2955, 0.3028

Protanopia

62.1014, 0.2962, 0.3029

Deuteranopia

62.0294, 0.3044, 0.2980



Tritanopia

61.9731, 0.2988, 0.3106

Trichromacy



Original Color

61.9606, 0.2955, 0.3028

Protanomaly

62.1014, 0.2962, 0.3029

Deuteranomaly

61.7471, 0.3006, 0.2988

Tritanomaly

62.0810, 0.2975, 0.3084

Monochromacy



Original Color

61.9606, 0.2955, 0.3028

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1707, 0.3065, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9606, 0.2955, 0.3028 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(203, 205, 228)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 228)  
}
```

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(203, 205, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 228) }
```

Border

The CSS property to change the border of an element to Yxy 61.9606, 0.2955, 0.3028 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(203, 205, 228) }
```

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

```
.border{ border-color:rgb(203, 205, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 228);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9606, 0.2955, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 228) }
```

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

```
.background{ background-color: rgb(203,  
205, 228) }
```

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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