

Converting Colors

$Yxy(60.0882, 0.2916, 0.3047)$

Have a look what the booklet for
Yxy(60.0882, 0.2916, 0.3047)
contains.

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Color

Yxy(60.2241, 0.2918, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	C3CCE1
RGB	195, 204, 225
RGB Percent	76%, 80%, 88%
CMY	0.2351, 0.2000, 0.1178
CMYK	0.13, 0.09, 0.00, 0.12
HSL	222°, 33%, 82%
HSV	222°, 13%, 88%
XYZ	57.6933, 60.2241, 79.7979
YIQ	203.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

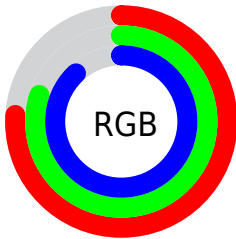
Format	Color
R _Y B	195, 202, 225
Decimal	12831969
CIE Lab	81.96, 1.11, -11.42
CIE LCh	82, 11.476, 275.545
Yxy	60.2241, 0.2918, 0.3046
Android (android.graphics.Color)	4291022049 (0xFFC3CCE1)
YUV	203.7030, 10.4994, -7.6325
Hunter-Lab	77.6042, -3.1049, -6.6431

Details

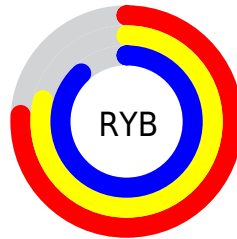
The Yxy color **60.2241, 0.2918, 0.3046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0651, 0.3339, 0.3523**, and the grayscale version is **60.1287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.3777, 0.2861, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **50.3326, 0.2747, 0.2837**, and if you desaturate by 10%, it is **71.3307, 0.3077, 0.3233**.

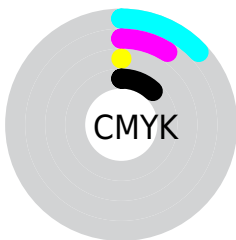
Distribution



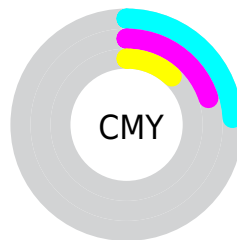
- Red (76%)
- Green (80%)
- Blue (88%)



- Red (76%)
- Yellow (79%)
- Blue (88%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2241, 0.2918, 0.3046 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 60.2241, 0.2918, 0.3046 by changing the saturation by 10% instead.

■ 60.2241, 0.2918,
0.3046

■ 60.2241, 0.2918,
0.3046

■ 425.4233, 0.3018,
0.3162

■ 43.5993, 0.2894,
0.3019

■ 105.1547, 0.2953,
0.3087

■ 30.3556, 0.2865,
0.2985

■ 134.2292, 0.2967,
0.3103

■ 20.1087, 0.2827,
0.2941

■ 168.2225, 0.2978,
0.3116

■ 12.4741, 0.2776,
0.2882

■ 207.5189, 0.2988,
0.3128

■ 7.0674, 0.2705,
0.2800

■ 252.5028, 0.2997,
0.3138

■ 3.5043, 0.2597,
0.2678

■ 303.5585, 0.3005,

■ 1.4003, 0.2420,

0.3147

0.2477

361.0706, 0.3012,
0.3155

0.2170, 0.1569,
0.1459

0.0000, 0.0000,
0.0000

60.2241, 0.2918,
0.3046

60.2241, 0.2918,
0.3046

50.3326, 0.2747,
0.2837

71.3307, 0.3077,
0.3233

41.6062, 0.2568,
0.2605

83.6853, 0.3224,
0.3398

34.0022, 0.2384,
0.2355

95.8721, 0.3308,
0.3547

27.4722, 0.2202,
0.2091

98.2148, 0.3304,
0.3582

■ 21.9642, 0.2029,
0.1821

■ 17.4214, 0.1874,
0.1557

■ 13.7803, 0.1746,
0.1312

■ 10.9681, 0.1651,
0.1098

■ 9.4875, 0.1604,
0.0975

Harmonies

Analogous

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



60.2241, 0.2851, 0.3103



60.2241, 0.2918, 0.3046



60.2241, 0.3041, 0.3053

Triad

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



60.2241, 0.2918, 0.3046



60.2241, 0.3406, 0.3356



60.2241, 0.3060, 0.3471

Complementary

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



60.2241, 0.2918, 0.3046



69.0651, 0.3339, 0.3523

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.



60.2241, 0.3208, 0.3541



60.2241, 0.2918, 0.3046



60.2241, 0.3411, 0.3470

Square

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



60.2241, 0.2918, 0.3046



60.2241, 0.3325, 0.3229



60.2241, 0.3337, 0.3539



60.2241, 0.2932, 0.3349

Rectangle

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



60.2241, 0.2918, 0.3046



60.2241, 0.3140, 0.3091



60.2241, 0.3337, 0.3539



60.2241, 0.3109, 0.3501

Sweetspot

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



60.2266, 0.2918, 0.3046



93.6405, 0.3066, 0.3220



70.4010, 0.2979, 0.3392



19.7934, 0.3054, 0.3207



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.



60.2266, 0.2918, 0.3046



76.1618, 0.2871, 0.2990



56.9040, 0.2960, 0.2944



13.9086, 0.2981, 0.3121



5.6472, 0.1612, 0.1001



0.5448, 0.1697, 0.1308

Inverse Universe

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



59.4108, 0.3301, 0.3190



74.9679, 0.3344, 0.3168



72.8361, 0.3282, 0.3623



13.7677, 0.3245, 0.3220



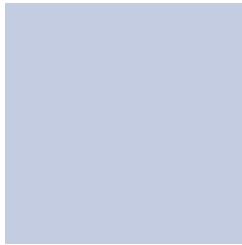
9.4781, 0.5757, 0.2945



0.6725, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 60.2241, 0.2918, 0.3046 looks on a white background.

Color Contrast Check

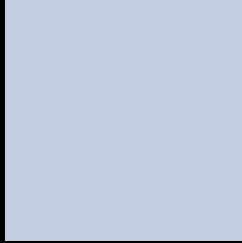
Large Text (above 18pt) WCAG AA × Fail

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 60.2241, 0.2918, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

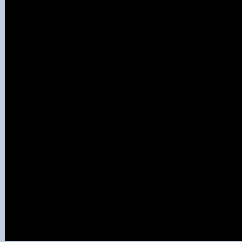
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

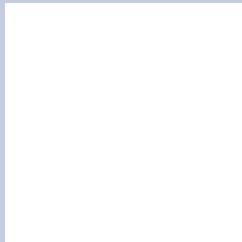
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2241, 0.2918, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 60.2241, 0.2918, 0.3046.



This preview shows how white text looks on a background with the Yxy color 60.2241, 0.2918, 0.3046.

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

60.2241, 0.2918, 0.3046

Protanopia

60.0404, 0.2967, 0.3037

Deuteranopia

60.0253, 0.3042, 0.2976



Tritanopia

60.3524, 0.2937, 0.3103

Trichromacy



Original Color

60.2241, 0.2918, 0.3046

Protanomaly

60.2358, 0.2953, 0.3047

Deuteranomaly

59.9214, 0.2990, 0.2994

Tritanomaly

60.4059, 0.2930, 0.3091

Monochromacy



Original Color

60.2241, 0.2918, 0.3046

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3567, 0.3049, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2241, 0.2918, 0.3046 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(195, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(195, 204, 225)  
}
```

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(195, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.2241, 0.2918, 0.3046 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(195, 204, 225) }
```

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

```
.border{ border-color:rgb(195, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(195, 204,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2241, 0.2918, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 204, 225) }
```

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

```
.background{ background-color: rgb(195,  
204, 225) }
```

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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