

Converting Colors

Yxy(59.8957, 0.2962, 0.3019)

Have a look what the booklet for
Yxy(59.8957, 0.2962, 0.3019)
contains.

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Color

Yxy(59.6270, 0.2960, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	C9C9E1
RGB	201, 201, 225
RGB Percent	79%, 79%, 88%
CMY	0.2118, 0.2117, 0.1177
CMYK	0.11, 0.11, 0.00, 0.12
HSL	240°, 29%, 84%
HSV	240°, 11%, 88%
XYZ	58.5587, 59.6270, 79.6477
YIQ	203.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

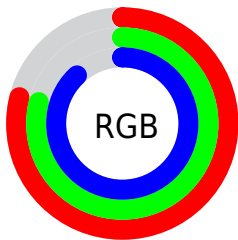
Format	Color
R _Y B	201, 201, 225
Decimal	13224417
CIE Lab	81.64, 4.62, -11.87
CIE LCh	82, 12.735, 291.248
Yxy	59.6270, 0.2960, 0.3014
Android (android.graphics.Color)	4291414497 (0xFFC9C9E1)
YUV	203.7360, 10.4832, -2.3995
Hunter-Lab	77.2185, 0.2331, -7.1022

Details

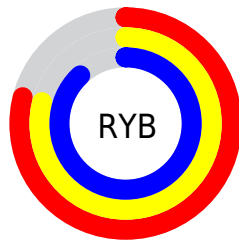
The Yxy color $59.6270, 0.2960, 0.3014$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.0478, 0.3286, 0.3552$, and the grayscale version is $60.1438, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $29.9728, 0.2916, 0.2940$ is the 20% darker color. If you saturate the color by 10%, you get $47.0158, 0.2782, 0.2720$, and if you desaturate by 10%, it is $74.2320, 0.3117, 0.3274$.

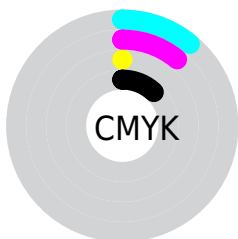
Distribution



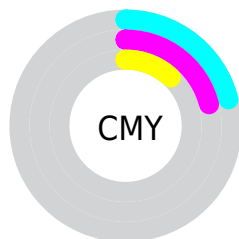
- Red (79%)
- Green (79%)
- Blue (88%)



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



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6270, 0.2960, 0.3014 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 59.6270, 0.2960, 0.3014 by changing the saturation by 10% instead.

■ 59.6270, 0.2960,
0.3014

■ 59.6270, 0.2960,
0.3014

423.2215, 0.3040,
0.3145

■ 43.1181, 0.2941,
0.2983

104.2884, 0.2989,
0.3060

■ 29.9778, 0.2917,
0.2945

133.2096, 0.2999,
0.3078

■ 19.8217, 0.2886,
0.2896

167.0371, 0.3009,
0.3093

■ 12.2655, 0.2844,
0.2831

206.1552, 0.3017,
0.3106

■ 6.9248, 0.2785,
0.2741

250.9483, 0.3024,
0.3117

■ 3.4151, 0.2695,
0.2607

301.8008, 0.3030,

■ 1.3521, 0.2544,

0.3128

0.2388

359.0971, 0.3035,
0.3137

0.1810, 0.1906,
0.1212

0.0000, 0.0000,
0.0000

59.6270, 0.2960,
0.3014

59.6270, 0.2960,
0.3014

47.0158, 0.2782,
0.2720

74.2320, 0.3117,
0.3274

36.3048, 0.2584,
0.2394

90.9040, 0.3254,
0.3500

27.4043, 0.2373,
0.2044

98.2156, 0.3304,
0.3582

20.2142, 0.2157,
0.1687

■ 14.6250, 0.1950,
0.1345

■ 10.5142, 0.1768,
0.1045

■ 7.7419, 0.1629,
0.0814

■ 6.1413, 0.1541,
0.0668

■ 5.4424, 0.1500,
0.0601

Harmonies

Analogous

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



59.6270, 0.2850, 0.3040



59.6270, 0.2960, 0.3014



59.6270, 0.3117, 0.3058

Triad

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



59.6270, 0.2960, 0.3014



59.6270, 0.3452, 0.3433



59.6270, 0.2972, 0.3425

Complementary

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



59.6270, 0.2960, 0.3014



74.0478, 0.3286, 0.3552

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.



59.6270, 0.3131, 0.3538



59.6270, 0.2960, 0.3014



59.6270, 0.3410, 0.3538

Square

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



59.6270, 0.2960, 0.3014



59.6270, 0.3404, 0.3295



59.6270, 0.3291, 0.3579



59.6270, 0.2857, 0.3275

Rectangle

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



59.6270, 0.2960, 0.3014



59.6270, 0.3228, 0.3120



59.6270, 0.3291, 0.3579



59.6270, 0.3022, 0.3469

Sweetspot

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



59.6295, 0.2960, 0.3014



93.8002, 0.3082, 0.3216



71.6726, 0.2966, 0.3294



19.7315, 0.3070, 0.3196



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.



59.6295, 0.2960, 0.3014



74.9134, 0.2919, 0.2946



61.2832, 0.3046, 0.3021



13.2464, 0.2980, 0.3048



3.1379, 0.1500, 0.0601



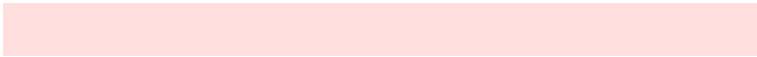
0.2186, 0.1501, 0.0604

Inverse Universe

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



61.9870, 0.3316, 0.3290



78.6913, 0.3366, 0.3290



72.2639, 0.3202, 0.3559



13.7009, 0.3292, 0.3290



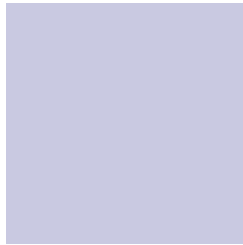
9.2248, 0.6399, 0.3299



0.6395, 0.6395, 0.3296

Previews

White Background



This preview shows how the Yxy color 59.6270, 0.2960, 0.3014 looks on a white background.

Color Contrast Check

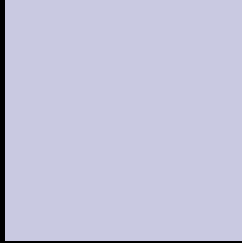
Large Text (above 18pt) WCAG AA × Fail

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 59.6270, 0.2960, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

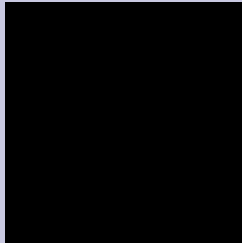
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

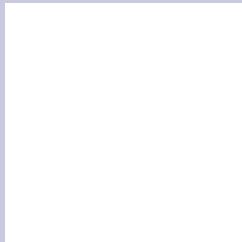
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6270, 0.2960, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 59.6270, 0.2960, 0.3014.

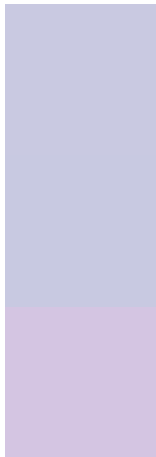


This preview shows how white text looks on a background with the Yxy color 59.6270, 0.2960, 0.3014.

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

59.6270, 0.2960, 0.3014

Protanopia

59.4889, 0.2953, 0.3013

Deuteranopia

59.4205, 0.3035, 0.2964



Tritanopia

59.5824, 0.3000, 0.3104

Trichromacy



Original Color

59.6270, 0.2960, 0.3014

Protanomaly

59.4889, 0.2953, 0.3013

Deuteranomaly

59.2891, 0.3005, 0.2972

Tritanomaly

59.7409, 0.2980, 0.3070

Monochromacy



Original Color

59.6270, 0.2960, 0.3014

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1618, 0.3064, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6270, 0.2960, 0.3014 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(201, 201, 225)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 225) }
```

Border

The CSS property to change the border of an element to Yxy 59.6270, 0.2960, 0.3014 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(201, 201, 225) }
```

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

```
.border{ border-color:rgb(201, 201, 225) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 225);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6270, 0.2960, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 225) }
```

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

```
.background{ background-color: rgb(201,  
201, 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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