

Converting Colors

Yxy(60.5394, 0.3021, 0.3159)

Have a look what the booklet for
Yxy(60.5394, 0.3021, 0.3159)
contains.

Yxy(60.3714, 0.3021, 0.3162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3714, 0.3021, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	C8CCD7
RGB	200, 204, 215
RGB Percent	78%, 80%, 84%
CMY	0.2156, 0.2000, 0.1570
CMYK	0.07, 0.05, 0.00, 0.16
HSL	224°, 16%, 81%
HSV	224°, 7%, 84%
XYZ	57.6793, 60.3714, 72.8772
YIQ	204.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

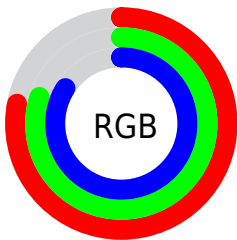
Format	Color
R _Y B	200, 203, 215
Decimal	13159639
CIE Lab	82.04, 0.73, -5.91
CIE LCh	82, 5.958, 277.043
Yxy	60.3714, 0.3021, 0.3162
Android (android.graphics.Color)	4291349719 (0xFFC8CCD7)
YUV	204.0580, 5.3944, -3.5589
Hunter-Lab	77.6990, -3.4651, -1.2212

Details

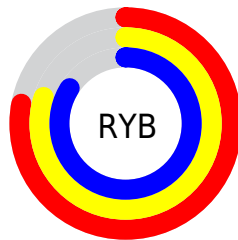
The Yxy color $60.3714, 0.3021, 0.3162$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.1965, 0.3233, 0.3415$, and the grayscale version is $60.3928, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.4618, 0.2995, 0.3135$ is the 20% darker color. If you saturate the color by 10%, you get $50.4945, 0.2857, 0.2958$, and if you desaturate by 10%, it is $71.4293, 0.3172, 0.3343$.

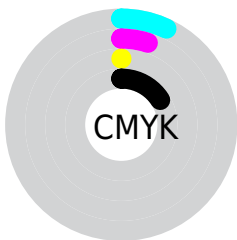
Distribution



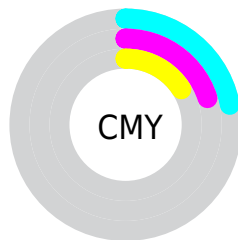
- Red (78%)
- Green (80%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3714, 0.3021, 0.3162 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 60.3714, 0.3021, 0.3162 by changing the saturation by 10% instead.

■ 60.3714, 0.3021,
0.3162

■ 60.3714, 0.3021,
0.3162

425.9654, 0.3072,
0.3223

■ 43.7181, 0.3009,
0.3148

105.3682, 0.3039,
0.3184

■ 30.4489, 0.2994,
0.3129

134.4805, 0.3046,
0.3192

■ 20.1796, 0.2974,
0.3106

168.5146, 0.3052,
0.3199

■ 12.5257, 0.2948,
0.3075

207.8548, 0.3057,
0.3205

■ 7.1027, 0.2911,
0.3031

252.8856, 0.3061,
0.3210

■ 3.5264, 0.2855,
0.2964

303.9914, 0.3065,

■ 1.4124, 0.2760,

0.3215

0.2851

361.5565, 0.3069,
0.3219

0.2258, 0.2080,
0.2021

0.0000, 0.0000,
0.0000

60.3714, 0.3021,
0.3162

60.3714, 0.3021,
0.3162

50.4945, 0.2857,
0.2958

71.4293, 0.3172,
0.3343

41.7513, 0.2682,
0.2730

83.6985, 0.3309,
0.3501

34.1021, 0.2498,
0.2481

95.3675, 0.3369,
0.3647

27.5024, 0.2311,
0.2213

97.6844, 0.3364,
0.3681

■ 21.9040, 0.2127,
0.1935

■ 17.2550, 0.1956,
0.1657

■ 13.4984, 0.1807,
0.1392

■ 10.5698, 0.1688,
0.1155

■ 8.3924, 0.1606,
0.0958

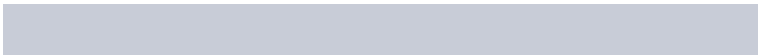
Harmonies

Analogous

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



60.3714, 0.2984, 0.3192



60.3714, 0.3021, 0.3162



60.3714, 0.3087, 0.3166

Triad

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



60.3714, 0.3021, 0.3162



60.3714, 0.3272, 0.3329



60.3714, 0.3089, 0.3380

Complementary

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



60.3714, 0.3021, 0.3162



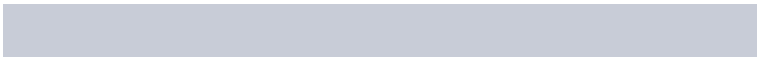
65.1965, 0.3233, 0.3415

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.



60.3714, 0.3166, 0.3418



60.3714, 0.3021, 0.3162



60.3714, 0.3273, 0.3387

Square

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



60.3714, 0.3021, 0.3162



60.3714, 0.3232, 0.3262



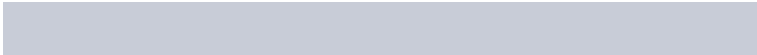
60.3714, 0.3234, 0.3420



60.3714, 0.3023, 0.3318

Rectangle

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



60.3714, 0.3021, 0.3162



60.3714, 0.3138, 0.3187



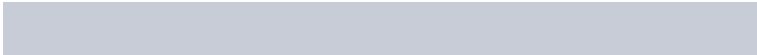
60.3714, 0.3234, 0.3420



60.3714, 0.3115, 0.3396

Sweetspot

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



60.3740, 0.3021, 0.3162



96.6804, 0.3097, 0.3254



65.5676, 0.3046, 0.3336



20.7284, 0.3098, 0.3256



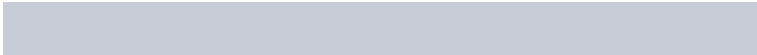
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



60.3740, 0.3021, 0.3162



87.1503, 0.3003, 0.3140



58.9945, 0.3048, 0.3117



12.5407, 0.2982, 0.3114



4.8460, 0.1592, 0.0930



0.4288, 0.1687, 0.1273

Inverse Universe

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



60.1227, 0.3215, 0.3245



86.7408, 0.3231, 0.3237



66.6733, 0.3203, 0.3460



12.4745, 0.3250, 0.3228



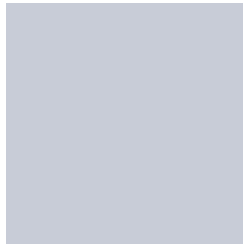
8.8341, 0.5865, 0.3004



0.5466, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 60.3714, 0.3021, 0.3162 looks on a white background.

Color Contrast Check

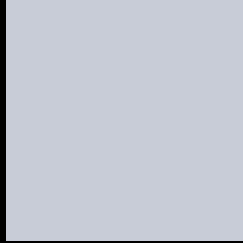
Large Text (above 18pt) WCAG AA × Fail

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 60.3714, 0.3021, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

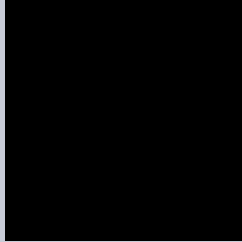
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

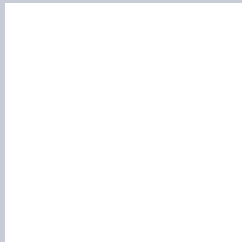
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3714, 0.3021, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 60.3714, 0.3021, 0.3162.

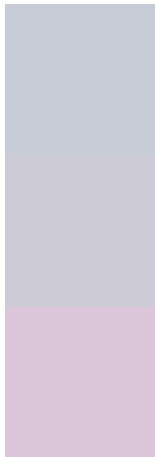


This preview shows how white text looks on a background with the Yxy color 60.3714, 0.3021, 0.3162.

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

60.3714, 0.3021, 0.3162

Protanopia

60.5460, 0.3065, 0.3163

Deuteranopia

60.2515, 0.3152, 0.3088



Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

60.3714, 0.3021, 0.3162

Protanomaly

60.2634, 0.3050, 0.3162

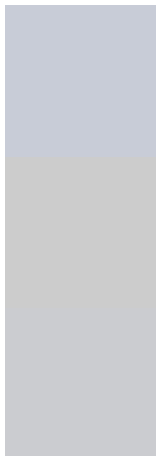
Deuteranomaly

60.1153, 0.3097, 0.3108

Tritanomaly

60.1913, 0.3008, 0.3116

Monochromacy



Original Color

60.3714, 0.3021, 0.3162

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4363, 0.3091, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3714, 0.3021, 0.3162 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(200, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 215)  
}
```

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(200, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.3714, 0.3021, 0.3162 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(200, 204, 215) }
```

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

```
.border{ border-color:rgb(200, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3714, 0.3021, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 215) }
```

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

```
.background{ background-color: rgb(200,  
204, 215) }
```

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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