

Converting Colors

Yxy(61.5921, 0.2917, 0.3126)

Have a look what the booklet for
Yxy(61.5921, 0.2917, 0.3126)
contains.

Yxy(61.5921, 0.2917, 0.3126)	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(61.5921, 0.2917, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	C0D0DE
RGB	192, 208, 222
RGB Percent	75%, 82%, 87%
CMY	0.2471, 0.1843, 0.1294
CMYK	0.14, 0.06, 0.00, 0.13
HSL	208°, 31%, 81%
HSV	208°, 14%, 87%
XYZ	57.4741, 61.5921, 77.9654
YIQ	204.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

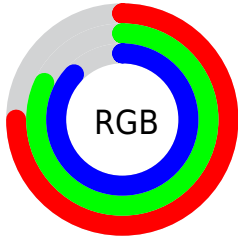
Format	Color
R _Y B	192, 202, 222
Decimal	12636382
CIE Lab	82.70, -2.60, -8.76
CIE LCh	83, 9.140, 253.465
Yxy	61.5921, 0.2917, 0.3126
Android (android.graphics.Color)	4290826462 (0xFFC0D0DE)
YUV	204.8120, 8.4737, -11.2361
Hunter-Lab	78.4806, -6.6193, -3.9643

Details

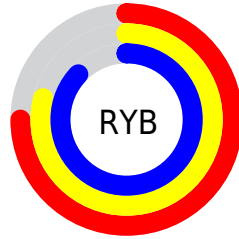
The Yxy color **61.5921, 0.2917, 0.3126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4607, 0.3353, 0.3449**, and the grayscale version is **60.8757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **31.3045, 0.2861, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **54.0314, 0.2757, 0.2989**, and if you desaturate by 10%, it is **69.9240, 0.3073, 0.3250**.

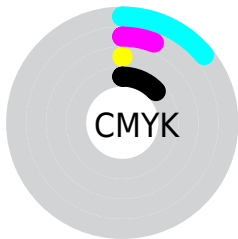
Distribution



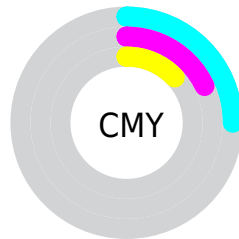
- Red (75%)
- Green (82%)
- Blue (87%)



- Red (75%)
- Yellow (79%)
- Blue (87%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5921, 0.2917, 0.3126 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 61.5921, 0.2917, 0.3126 by changing the saturation by 10% instead.

■ 61.5921, 0.2917,
0.3126

■ 61.5921, 0.2917,
0.3126

430.4416, 0.3017,
0.3205

■ 44.7032, 0.2894,
0.3107

■ 107.1358, 0.2952,
0.3154

■ 31.2237, 0.2864,
0.3084

136.5593, 0.2966,
0.3164

■ 20.7693, 0.2827,
0.3054

170.9299, 0.2977,
0.3174

■ 12.9554, 0.2777,
0.3014

210.6319, 0.2987,
0.3181

■ 7.3979, 0.2707,
0.2957

256.0496, 0.2996,
0.3188

■ 3.7121, 0.2603,
0.2871

307.5676, 0.3004,

■ 1.5139, 0.2431,

0.3194

0.2727

365.5701, 0.3011,
0.3200

0.2985, 0.1512,
0.2050

0.0000, 0.0000,
0.0000

61.5921, 0.2917,
0.3126

61.5921, 0.2917,
0.3126

54.0314, 0.2757,
0.2989

69.9240, 0.3073,
0.3250

47.2085, 0.2595,
0.2839

79.0437, 0.3224,
0.3360

41.0985, 0.2436,
0.2676

88.2921, 0.3342,
0.3459

35.6720, 0.2284,
0.2503

94.5248, 0.3329,
0.3558

■ 30.8971, 0.2144,
0.2323

■ 98.0539, 0.3321,
0.3611

■ 26.7385, 0.2021,
0.2140

■ 23.1563, 0.1919,
0.1959

■ 20.1034, 0.1840,
0.1783

■ 18.3632, 0.1798,
0.1674

Harmonies

Analogous

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



61.5921, 0.2905, 0.3204



61.5921, 0.2917, 0.3126



61.5921, 0.2984, 0.3093

Triad

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



61.5921, 0.2917, 0.3126



61.5921, 0.3305, 0.3268



61.5921, 0.3161, 0.3478

Complementary

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



61.5921, 0.2917, 0.3126



63.4607, 0.3353, 0.3449

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.



61.5921, 0.3270, 0.3493



61.5921, 0.2917, 0.3126



61.5921, 0.3354, 0.3369

Square

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



61.5921, 0.2917, 0.3126



61.5921, 0.3208, 0.3175



61.5921, 0.3341, 0.3452



61.5921, 0.3045, 0.3410

Rectangle

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



61.5921, 0.2917, 0.3126



61.5921, 0.3052, 0.3099



61.5921, 0.3341, 0.3452



61.5921, 0.3200, 0.3489

Sweetspot

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



61.5947, 0.2917, 0.3126



95.1216, 0.3066, 0.3244



67.8774, 0.3024, 0.3483



20.1678, 0.3054, 0.3235



0.0000, 0.0000, 0.0000



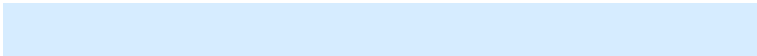
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5947, 0.2917, 0.3126



81.5311, 0.2876, 0.3092



54.8294, 0.2912, 0.2952



14.4494, 0.2981, 0.3178



11.1322, 0.1805, 0.1699



0.9504, 0.1879, 0.1963

Inverse Universe

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



57.7736, 0.3249, 0.3110



75.5100, 0.3276, 0.3074



70.7830, 0.3331, 0.3607



13.8223, 0.3209, 0.3165



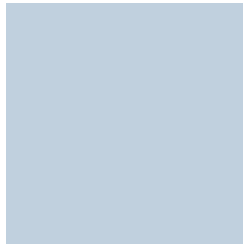
10.0318, 0.4808, 0.2422



0.7134, 0.4494, 0.2250

Previews

White Background



This preview shows how the Yxy color 61.5921, 0.2917, 0.3126 looks on a white background.

Color Contrast Check

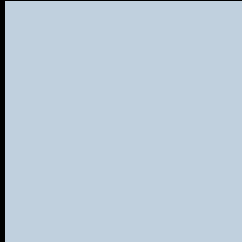
Large Text (above 18pt) WCAG AA × Fail

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 61.5921, 0.2917, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

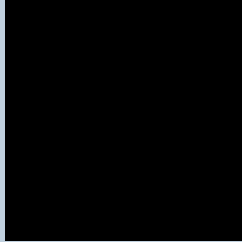
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

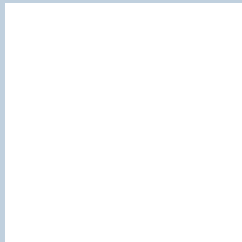
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5921, 0.2917, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 61.5921, 0.2917, 0.3126.

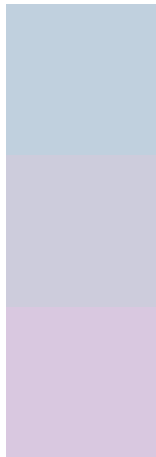


This preview shows how white text looks on a background with the Yxy color 61.5921, 0.2917, 0.3126.

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

61.5921, 0.2917, 0.3126

Protanopia

61.3322, 0.3023, 0.3107

Deuteranopia

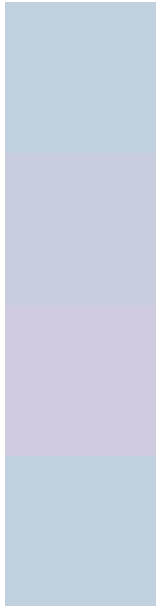
61.4421, 0.3086, 0.3023



Tritanopia

61.7000, 0.2904, 0.3103

Trichromacy



Original Color

61.5921, 0.2917, 0.3126

Protanomaly

61.1625, 0.2980, 0.3105

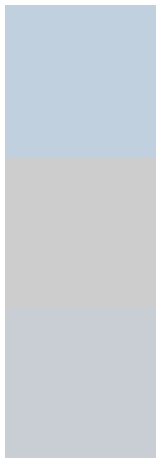
Deuteranomaly

61.4495, 0.3025, 0.3063

Tritanomaly

61.6459, 0.2911, 0.3114

Monochromacy



Original Color

61.5921, 0.2917, 0.3126

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1251, 0.3048, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5921, 0.2917, 0.3126 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(192, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 222)  
}
```

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(192, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.5921, 0.2917, 0.3126 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(192, 208, 222) }
```

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

```
.border{ border-color:rgb(192, 208, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 208, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 208, 222); box-shadow:4px 4px 4px 4px rgb(192, 208, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5921, 0.2917, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 222) }
```

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

```
.background{ background-color: rgb(192,  
208, 222) }
```

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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