

Converting Colors

Yxy(61.1584, 0.2976, 0.3207)

Have a look what the booklet for
Yxy(61.1584, 0.2976, 0.3207)
contains.

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Color

Yxy(61.3555, 0.2970, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C1D0D7
RGB	193, 208, 215
RGB Percent	76%, 82%, 84%
CMY	0.2430, 0.1843, 0.1568
CMYK	0.10, 0.03, 0.00, 0.16
HSL	199°, 22%, 80%
HSV	199°, 10%, 84%
XYZ	56.8213, 61.3555, 73.1407
YIQ	204.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

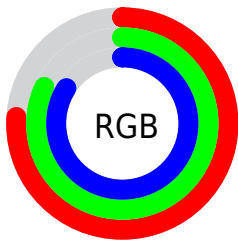
Format	Color
RYB	193, 202, 215
Decimal	12701911
CIELab	82.57, -3.66, -5.21
CIELCh	83, 6.369, 234.894
Yxy	61.3555, 0.2970, 0.3207
Android (android.graphics.Color)	4290891991 (0xFFC1D0D7)
YUV	204.3130, 5.2687, -9.9215
Hunter-Lab	78.3298, -7.5912, -0.5314

Details

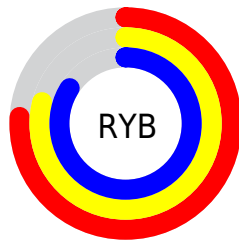
The Yxy color **61.3555, 0.2970, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6314, 0.3298, 0.3372**, and the grayscale version is **60.5682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **31.1382, 0.2930, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **55.4600, 0.2816, 0.3117**, and if you desaturate by 10%, it is **67.8118, 0.3124, 0.3288**.

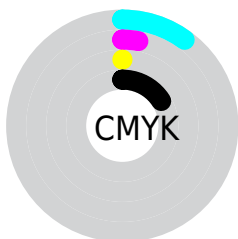
Distribution



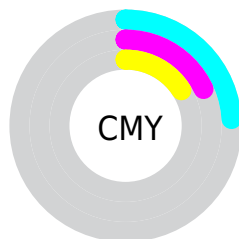
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3555, 0.2970, 0.3207 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 61.3555, 0.2970, 0.3207 by changing the saturation by 10% instead.

■ 61.3555, 0.2970,
0.3207

■ 61.3555, 0.2970,
0.3207

429.5763, 0.3045,
0.3247

■ 44.5121, 0.2952,
0.3197

■ 106.7935, 0.2996,
0.3221

■ 31.0733, 0.2930,
0.3185

136.1569, 0.3006,
0.3227

■ 20.6547, 0.2902,
0.3170

170.4625, 0.3015,
0.3231

■ 12.8718, 0.2864,
0.3149

210.0946, 0.3023,
0.3235

■ 7.3403, 0.2811,
0.3119

255.4376, 0.3029,
0.3239

■ 3.6758, 0.2732,
0.3073

306.8760, 0.3035,

■ 1.4939, 0.2599,

0.3242

0.2994

364.7941, 0.3040,
0.3245

0.2845, 0.1588,
0.2497

0.0000, 0.0000,
0.0000

61.3555, 0.2970,
0.3207

61.3555, 0.2970,
0.3207

55.4600, 0.2816,
0.3117

67.8118, 0.3124,
0.3288

50.0980, 0.2664,
0.3019

74.8395, 0.3275,
0.3361

45.2514, 0.2518,
0.2913

81.9736, 0.3403,
0.3427

40.8978, 0.2381,
0.2801

85.8373, 0.3393,
0.3494

■ 37.0129, 0.2257,
0.2683

■ 89.8528, 0.3382,
0.3561

■ 33.5697, 0.2150,
0.2562

■ 94.0216, 0.3372,
0.3626

■ 30.5375, 0.2062,
0.2440

■ 97.6866, 0.3364,
0.3681

■ 27.8805, 0.1994,
0.2318

■ 25.5827, 0.1945,
0.2201

Harmonies

Analogous

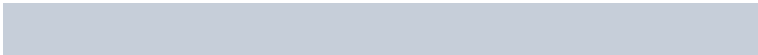
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.3555, 0.2988, 0.3275



61.3555, 0.2970, 0.3207



61.3555, 0.2994, 0.3163

Triad

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



61.3555, 0.2970, 0.3207



61.3555, 0.3212, 0.3233



61.3555, 0.3200, 0.3432

Complementary

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



61.3555, 0.2970, 0.3207



59.6314, 0.3298, 0.3372

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.



61.3555, 0.3262, 0.3418



61.3555, 0.2970, 0.3207



61.3555, 0.3269, 0.3303

Square

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



61.3555, 0.2970, 0.3207



61.3555, 0.3133, 0.3178



61.3555, 0.3287, 0.3370



61.3555, 0.3120, 0.3406

Rectangle

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



61.3555, 0.2970, 0.3207



61.3555, 0.3030, 0.3152



61.3555, 0.3287, 0.3370



61.3555, 0.3224, 0.3431

Sweetspot

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



61.3581, 0.2970, 0.3207



97.0299, 0.3081, 0.3266



64.1160, 0.3069, 0.3468



20.6013, 0.3068, 0.3260



0.0000, 0.0000, 0.0000



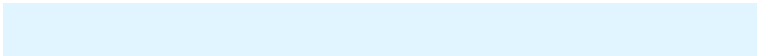
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3581, 0.2970, 0.3207



88.5775, 0.2941, 0.3191



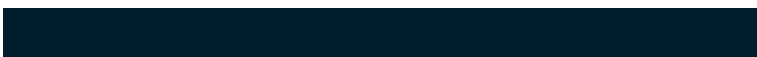
56.2115, 0.2969, 0.3076



13.4083, 0.2982, 0.3214



15.4994, 0.1950, 0.2219



1.0811, 0.2007, 0.2426

Inverse Universe

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



57.1586, 0.3191, 0.3119



81.3934, 0.3205, 0.3086



64.8775, 0.3284, 0.3495



12.5621, 0.3186, 0.3133



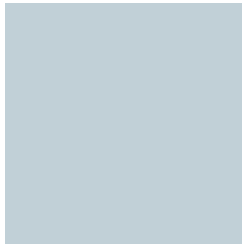
9.9095, 0.4212, 0.2094



0.6125, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 61.3555, 0.2970, 0.3207 looks on a white background.

Color Contrast Check

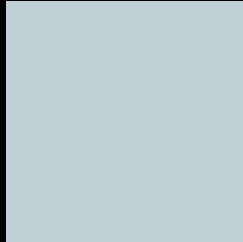
Large Text (above 18pt) WCAG AA × Fail

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 61.3555, 0.2970, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

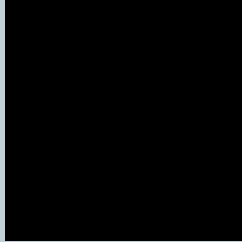
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

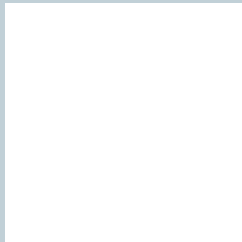
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3555, 0.2970, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 61.3555, 0.2970, 0.3207.



This preview shows how white text looks on a background with the Yxy color 61.3555, 0.2970, 0.3207.

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

61.3555, 0.2970, 0.3207

Protanopia

61.2552, 0.3087, 0.3186

Deuteranopia

61.0722, 0.3160, 0.3089



Tritanopia

61.4227, 0.2924, 0.3103

Trichromacy



Original Color

61.3555, 0.2970, 0.3207

Protanomaly

61.0742, 0.3042, 0.3185

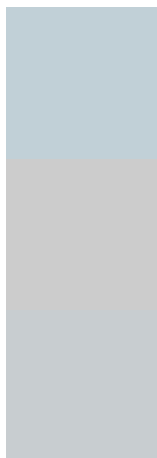
Deuteranomaly

60.9006, 0.3089, 0.3130

Tritanomaly

61.2623, 0.2944, 0.3138

Monochromacy



Original Color

61.3555, 0.2970, 0.3207

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4961, 0.3068, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3555, 0.2970, 0.3207 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(193, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 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(193, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.3555, 0.2970, 0.3207 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(193, 208, 215) }
```

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

```
.border{ border-color:rgb(193, 208, 215) }
```

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

Here you see how a box with a 4 pixel rgb(193, 208, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3555, 0.2970, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 215) }
```

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

```
.background{ background-color: rgb(193,  
208, 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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