

Converting Colors

Yxy(56.1453, 0.2991, 0.3244)

Have a look what the booklet for
Yxy(56.1453, 0.2991, 0.3244)
contains.

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Color

Yxy(56.1073, 0.2992, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8CC
RGB	186, 200, 204
RGB Percent	73%, 78%, 80%
CMY	0.2707, 0.2156, 0.2001
CMYK	0.09, 0.02, 0.00, 0.20
HSL	193°, 15%, 76%
HSV	193°, 9%, 80%
XYZ	51.7967, 56.1073, 65.2133
YIQ	196.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

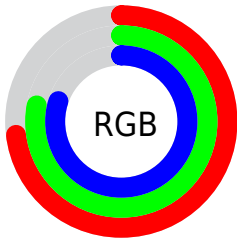
Format	Color
R _Y B	186, 194, 204
Decimal	12241100
CIE Lab	79.67, -3.99, -3.63
CIE LCh	80, 5.391, 222.317
Yxy	56.1073, 0.2992, 0.3241
Android (android.graphics.Color)	4290431180 (0xFFBAC8CC)
YUV	196.2700, 3.8109, -9.0068
Hunter-Lab	74.9048, -7.6506, 0.8146

Details

The Yxy color **56.1073, 0.2992, 0.3241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1817, 0.3274, 0.3339**, and the grayscale version is **55.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **27.7463, 0.2958, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **51.6832, 0.2841, 0.3180**, and if you desaturate by 10%, it is **60.9620, 0.3145, 0.3296**.

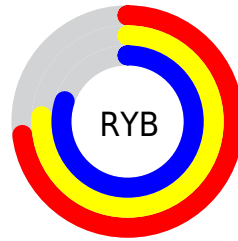
Distribution



Red (73%)

Green (78%)

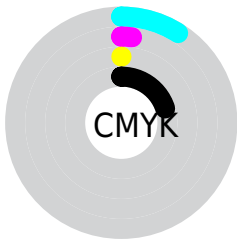
Blue (80%)



Red (73%)

Yellow (76%)

Blue (80%)

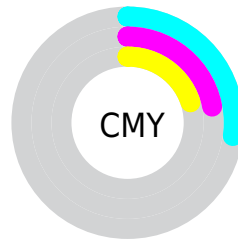


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1073, 0.2992, 0.3241 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 56.1073, 0.2992, 0.3241 by changing the saturation by 10% instead.

■ 56.1073, 0.2992,
0.3241

■ 56.1073, 0.2992,
0.3241

410.0957, 0.3057,
0.3265

■ 40.2890, 0.2976,
0.3235

■ 99.1614, 0.3015,
0.3250

■ 27.7639, 0.2957,
0.3228

127.1660, 0.3024,
0.3253

■ 18.1478, 0.2931,
0.3218

160.0015, 0.3032,
0.3256

■ 11.0561, 0.2896,
0.3204

198.0522, 0.3038,
0.3258

■ 6.1046, 0.2847,
0.3184

241.7026, 0.3044,
0.3260

■ 2.9088, 0.2770,
0.3153

291.3371, 0.3049,

■ 1.0843, 0.2635,

0.3262

0.3095

347.3400, 0.3053,
0.3264

0.0000, 0.0000,
0.0000

56.1073, 0.2992,
0.3241

56.1073, 0.2992,
0.3241

51.6832, 0.2841,
0.3180

60.9620, 0.3145,
0.3296

47.6668, 0.2695,
0.3114

66.2551, 0.3298,
0.3346

44.0434, 0.2556,
0.3044

72.0033, 0.3448,
0.3390

40.7947, 0.2430,
0.2969

75.7576, 0.3499,
0.3434

37.9006, 0.2317,
0.2891

78.1205, 0.3491,
0.3479

■ 35.3391, 0.2222,
0.2811

■ 80.5471, 0.3482,
0.3523

■ 33.0850, 0.2145,
0.2729

■ 83.0379, 0.3473,
0.3567

■ 31.1089, 0.2088,
0.2648

■ 85.5934, 0.3465,
0.3611

■ 29.3634, 0.2049,
0.2568

■ 88.2140, 0.3456,
0.3654

Harmonies

Analogous

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



56.1073, 0.3022, 0.3304



56.1073, 0.2992, 0.3241



56.1073, 0.2998, 0.3192

Triad

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



56.1073, 0.2992, 0.3241



56.1073, 0.3174, 0.3217



56.1073, 0.3216, 0.3413

Complementary

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



56.1073, 0.2992, 0.3241



53.1817, 0.3274, 0.3339

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.



56.1073, 0.3258, 0.3387



56.1073, 0.2992, 0.3241



56.1073, 0.3233, 0.3275

Square

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



56.1073, 0.2992, 0.3241



56.1073, 0.3102, 0.3179



56.1073, 0.3264, 0.3337



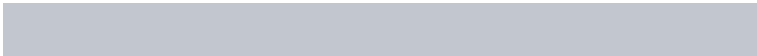
56.1073, 0.3151, 0.3404

Rectangle

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



56.1073, 0.2992, 0.3241



56.1073, 0.3021, 0.3174



56.1073, 0.3264, 0.3337



56.1073, 0.3234, 0.3408

Sweetspot

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



56.1097, 0.2992, 0.3241



97.5070, 0.3081, 0.3274



57.3250, 0.3089, 0.3465



20.7303, 0.3068, 0.3269



0.0000, 0.0000, 0.0000



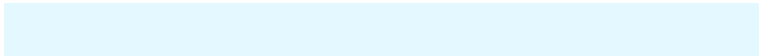
21.4041, 0.3127, 0.3290

Same Dimension

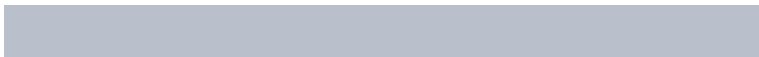
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1097, 0.2992, 0.3241



91.1823, 0.2957, 0.3227



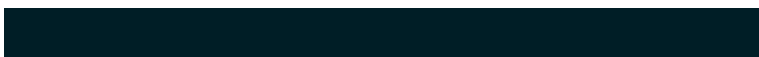
52.0907, 0.2992, 0.3130



12.2912, 0.2983, 0.3238



18.5041, 0.2047, 0.2570



1.0611, 0.2091, 0.2727

Inverse Universe

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



52.1137, 0.3168, 0.3122



82.9991, 0.3180, 0.3077



57.1702, 0.3263, 0.3445



11.3598, 0.3171, 0.3111



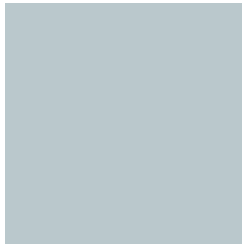
9.6710, 0.3853, 0.1896



0.5097, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 56.1073, 0.2992, 0.3241 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 56.1073, 0.2992, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

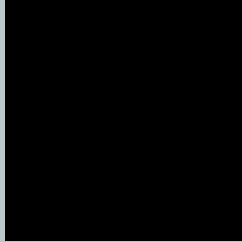
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

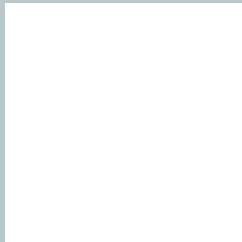
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1073, 0.2992, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 56.1073, 0.2992, 0.3241.



This preview shows how white text looks on a background with the Yxy color 56.1073, 0.2992, 0.3241.

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

56.1073, 0.2992, 0.3241

Protanopia

55.8862, 0.3107, 0.3218

Deuteranopia

55.7149, 0.3184, 0.3116



Tritanopia

55.9346, 0.2938, 0.3097

Trichromacy



Original Color

56.1073, 0.2992, 0.3241

Protanomaly

55.7136, 0.3060, 0.3217

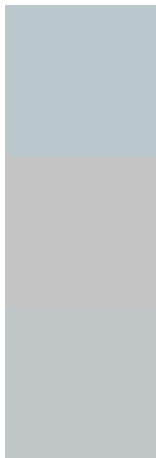
Deuteranomaly

55.6879, 0.3117, 0.3160

Tritanomaly

56.0648, 0.2958, 0.3156

Monochromacy



Original Color

56.1073, 0.2992, 0.3241

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2625, 0.3073, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1073, 0.2992, 0.3241 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(186, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 204)  
}
```

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(186, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.1073, 0.2992, 0.3241 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(186, 200, 204) }
```

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

```
.border{ border-color:rgb(186, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1073, 0.2992, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 204) }
```

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

```
.background{ background-color: rgb(186,  
200, 204) }
```

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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