

Converting Colors

Yxy(55.0359, 0.2917, 0.3000)

Have a look what the booklet for
Yxy(55.0359, 0.2917, 0.3000)
contains.

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Color

Yxy(55.0918, 0.2918, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	BEC3DB
RGB	190, 195, 219
RGB Percent	75%, 76%, 86%
CMY	0.2550, 0.2353, 0.1412
CMYK	0.13, 0.11, 0.00, 0.14
HSL	230°, 29%, 80%
HSV	230°, 13%, 86%
XYZ	53.5324, 55.0918, 74.8317
YIQ	196.2410, -10.6840, 6.4040

Conversions

Conversions Part 2

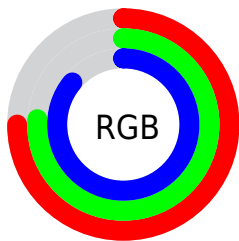
Format	Color
R_{YB}	190, 194, 219
Decimal	12501979
CIE _{Lab}	79.09, 3.03, -12.54
CIE _{LCh}	79, 12.903, 283.576
Yxy	55.0918, 0.2918, 0.3003
Android (android.graphics.Color)	4290692059 (0xFFBEC3DB)
YUV	196.2410, 11.2202, -5.4734
Hunter-Lab	74.2239, -1.1523, -7.8188

Details

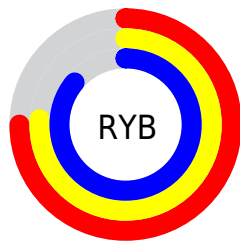
The Yxy color **55.0918, 0.2918, 0.3003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8562, 0.3332, 0.3562**, and the grayscale version is **55.2897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4336, 0.3073, 0.3261**, and **26.9643, 0.2859, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **44.8557, 0.2742, 0.2755**, and if you desaturate by 10%, it is **66.7398, 0.3078, 0.3224**.

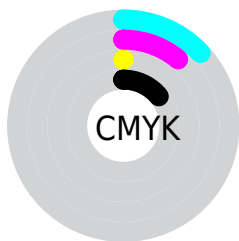
Distribution



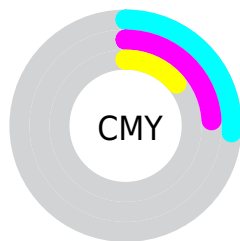
- Red (75%)
- Green (76%)
- Blue (86%)



- Red (75%)
- Yellow (76%)
- Blue (86%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0918, 0.2918, 0.3003 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 55.0918, 0.2918, 0.3003 by changing the saturation by 10% instead.

■ 55.0918, 0.2918,
0.3003

■ 55.0918, 0.2918,
0.3003

406.2598, 0.3020,
0.3141

■ 39.4752, 0.2894,
0.2970

■ 97.6754, 0.2954,
0.3052

■ 27.1296, 0.2863,
0.2929

125.4113, 0.2968,
0.3071

■ 17.6706, 0.2822,
0.2875

157.9557, 0.2980,
0.3087

■ 10.7138, 0.2768,
0.2804

195.6931, 0.2990,
0.3100

■ 5.8747, 0.2690,
0.2702

239.0078, 0.2999,
0.3113

■ 2.7690, 0.2570,
0.2548

288.2842, 0.3007,

■ 1.0124, 0.2363,

0.3123

0.2289

343.9067, 0.3013,
0.3133

0.0000, 0.0000,
0.0000

55.0918, 0.2918,
0.3003

55.0918, 0.2918,
0.3003

44.8557, 0.2742,
0.2755

66.7398, 0.3078,
0.3224

35.9707, 0.2554,
0.2480

79.8437, 0.3223,
0.3418

28.3818, 0.2357,
0.2185

94.3250, 0.3347,
0.3588

22.0275, 0.2160,
0.1878

97.8947, 0.3339,
0.3641

16.8410, 0.1973,
0.1572

■ 12.7494, 0.1807,
0.1285

■ 9.6708, 0.1673,
0.1036

■ 7.5111, 0.1581,
0.0840

■ 6.4988, 0.1540,
0.0742

Harmonies

Analogous

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



55.0918, 0.2821, 0.3049



55.0918, 0.2918, 0.3003



55.0918, 0.3072, 0.3031

Triad

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



55.0918, 0.2918, 0.3003



55.0918, 0.3461, 0.3404



55.0918, 0.3005, 0.3467

Complementary

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



55.0918, 0.2918, 0.3003



66.8562, 0.3332, 0.3562

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.



55.0918, 0.3175, 0.3568



55.0918, 0.2918, 0.3003



55.0918, 0.3441, 0.3525

Square

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



55.0918, 0.2918, 0.3003



55.0918, 0.3389, 0.3257



55.0918, 0.3335, 0.3588



55.0918, 0.2871, 0.3315

Rectangle

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



55.0918, 0.2918, 0.3003



55.0918, 0.3188, 0.3086



55.0918, 0.3335, 0.3588



55.0918, 0.3060, 0.3508

Sweetspot

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



55.0941, 0.2918, 0.3003



92.8543, 0.3066, 0.3208



66.4481, 0.2959, 0.3352



19.5950, 0.3055, 0.3192



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.



55.0941, 0.2918, 0.3003



73.4035, 0.2869, 0.2934



54.0978, 0.2987, 0.2949



12.9803, 0.2981, 0.3091



3.9643, 0.1545, 0.0761



0.3692, 0.1621, 0.1037

Inverse Universe

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



55.8190, 0.3329, 0.3233



74.6895, 0.3380, 0.3219



68.0557, 0.3256, 0.3623



13.0882, 0.3264, 0.3250



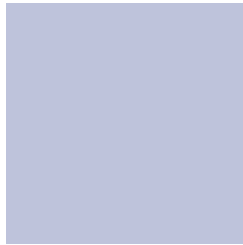
9.0240, 0.6132, 0.3152



0.5960, 0.5704, 0.2916

Previews

White Background



This preview shows how the Yxy color 55.0918, 0.2918, 0.3003 looks on a white background.

Color Contrast Check

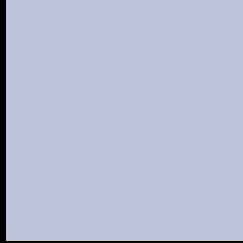
Large Text (above 18pt) WCAG AA × Fail

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 55.0918, 0.2918, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

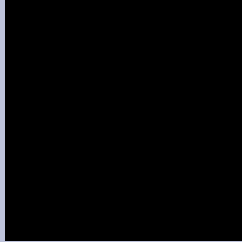
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0918, 0.2918, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 55.0918, 0.2918, 0.3003.



This preview shows how white text looks on a background with the Yxy color 55.0918, 0.2918, 0.3003.

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

55.0918, 0.2918, 0.3003

Protanopia

54.9045, 0.2933, 0.2992

Deuteranopia

55.1254, 0.3009, 0.2953



Tritanopia

55.0521, 0.2959, 0.3096

Trichromacy



Original Color

55.0918, 0.2918, 0.3003

Protanomaly

54.7744, 0.2925, 0.2991

Deuteranomaly

54.8723, 0.2971, 0.2961

Tritanomaly

55.2050, 0.2938, 0.3061

Monochromacy



Original Color

55.0918, 0.2918, 0.3003

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3088, 0.3053, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0918, 0.2918, 0.3003 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(190, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 219)  
}
```

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(190, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 219) }
```

Border

The CSS property to change the border of an element to Yxy 55.0918, 0.2918, 0.3003 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(190, 195, 219) }
```

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

```
.border{ border-color:rgb(190, 195, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 219);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0918, 0.2918, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 219) }
```

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

```
.background{ background-color: rgb(190,  
195, 219) }
```

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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