

Converting Colors

Yxy(54.2680, 0.2933, 0.2999)

Have a look what the booklet for
Yxy(54.2680, 0.2933, 0.2999)
contains.

Yxy(54.2260, 0.2939, 0.3002)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2260, 0.2939, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1D9
RGB	191, 193, 217
RGB Percent	75%, 76%, 85%
CMY	0.2508, 0.2432, 0.1490
CMYK	0.12, 0.11, 0.00, 0.15
HSL	235°, 25%, 80%
HSV	235°, 12%, 85%
XYZ	53.0880, 54.2260, 73.3189
YIQ	195.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

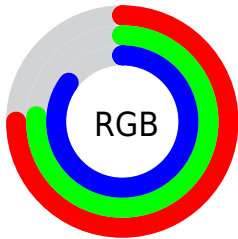
Format	Color
R_{YB}	191, 193, 217
Decimal	12567001
CIE _{Lab}	78.59, 4.04, -12.21
CIE _{LCh}	79, 12.860, 288.317
Yxy	54.2260, 0.2939, 0.3002
Android (android.graphics.Color)	4290757081 (0xFFBFC1D9)
YUV	195.1380, 10.7780, -3.6290
Hunter-Lab	73.6383, -0.1812, -7.4860

Details

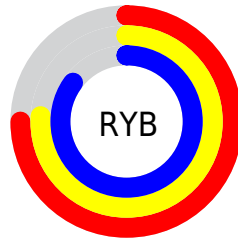
The Yxy color `54.2260, 0.2939, 0.3002` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `67.1456, 0.3308, 0.3563`, and the grayscale version is `54.6028, 0.3127, 0.3290`.

A 20% lighter version of the original color is `94.7455, 0.3080, 0.3232`, and `26.6832, 0.2886, 0.2937` is the 20% darker color. If you saturate the color by 10%, you get `43.3404, 0.2761, 0.2727`, and if you desaturate by 10%, it is `66.7371, 0.3098, 0.3246`.

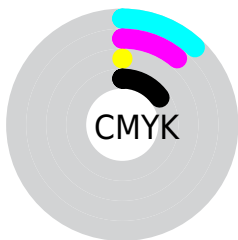
Distribution



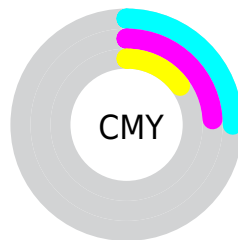
- Red (75%)
- Green (76%)
- Blue (85%)



- Red (75%)
- Yellow (76%)
- Blue (85%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2260, 0.2939, 0.3002 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 54.2260, 0.2939, 0.3002 by changing the saturation by 10% instead.

■ 54.2260, 0.2939,
0.3002

■ 54.2260, 0.2939,
0.3002

402.9712, 0.3031,
0.3141

■ 38.7824, 0.2917,
0.2969

■ 96.4060, 0.2972,
0.3051

■ 26.5905, 0.2889,
0.2927

123.9112, 0.2984,
0.3070

■ 17.2659, 0.2852,
0.2874

156.2056, 0.2995,
0.3086

■ 10.4242, 0.2802,
0.2801

193.6738, 0.3004,
0.3100

■ 5.6811, 0.2730,
0.2698

236.7000, 0.3012,
0.3112

■ 2.6522, 0.2618,
0.2542

285.6687, 0.3019,

■ 0.9530, 0.2423,

0.3123

0.2278

340.9644, 0.3025,
0.3132

0.0000, 0.0000,
0.0000

54.2260, 0.2939,
0.3002

54.2260, 0.2939,
0.3002

43.3404, 0.2761,
0.2727

66.7371, 0.3098,
0.3246

34.0070, 0.2568,
0.2423

80.9295, 0.3239,
0.3459

26.1571, 0.2362,
0.2096

96.6473, 0.3354,
0.3644

19.7141, 0.2154,
0.1760

97.7902, 0.3351,
0.3661

14.5947, 0.1955,
0.1432

■ 10.7066, 0.1780,
0.1135

■ 7.9456, 0.1643,
0.0893

■ 6.1901, 0.1552,
0.0723

■ 5.3901, 0.1511,
0.0641

Harmonies

Analogous

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



54.2260, 0.2831, 0.3036



54.2260, 0.2939, 0.3002



54.2260, 0.3099, 0.3041

Triad

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



54.2260, 0.2939, 0.3002



54.2260, 0.3465, 0.3426



54.2260, 0.2980, 0.3445

Complementary

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



54.2260, 0.2939, 0.3002



67.1456, 0.3308, 0.3563

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.



54.2260, 0.3148, 0.3557



54.2260, 0.2939, 0.3002



54.2260, 0.3430, 0.3541

Square

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



54.2260, 0.2939, 0.3002



54.2260, 0.3407, 0.3281



54.2260, 0.3313, 0.3591



54.2260, 0.2855, 0.3290

Rectangle

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



54.2260, 0.2939, 0.3002



54.2260, 0.3216, 0.3102



54.2260, 0.3313, 0.3591



54.2260, 0.3034, 0.3489

Sweetspot

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



54.2283, 0.2939, 0.3002



92.2448, 0.3067, 0.3198



65.6097, 0.2958, 0.3315



19.4414, 0.3055, 0.3180



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.



54.2283, 0.2939, 0.3002



74.5606, 0.2902, 0.2945



54.8263, 0.3022, 0.2986



12.7736, 0.2981, 0.3067



3.3214, 0.1514, 0.0651



0.2714, 0.1555, 0.0798

Inverse Universe

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



55.8819, 0.3326, 0.3268



77.3528, 0.3368, 0.3264



66.5420, 0.3224, 0.3591



13.0673, 0.3280, 0.3273



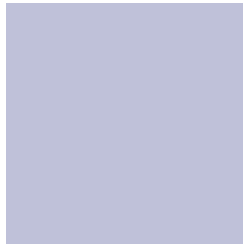
8.9591, 0.6314, 0.3252



0.5861, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 54.2260, 0.2939, 0.3002 looks on a white background.

Color Contrast Check

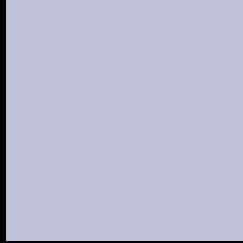
Large Text (above 18pt) WCAG AA × Fail

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 54.2260, 0.2939, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

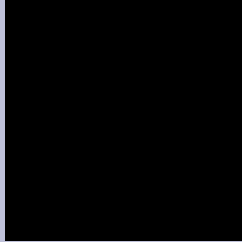
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2260, 0.2939, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 54.2260, 0.2939, 0.3002.



This preview shows how white text looks on a background with the Yxy color 54.2260, 0.2939, 0.3002.

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

54.2260, 0.2939, 0.3002

Protanopia

54.2260, 0.2939, 0.3002

Deuteranopia

54.0137, 0.3016, 0.2950



Tritanopia

54.1839, 0.2980, 0.3096

Trichromacy



Original Color

54.2260, 0.2939, 0.3002

Protanomaly

54.2260, 0.2939, 0.3002

Deuteranomaly

53.8946, 0.2985, 0.2959

Tritanomaly

54.3348, 0.2959, 0.3060

Monochromacy



Original Color

54.2260, 0.2939, 0.3002

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3647, 0.3061, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2260, 0.2939, 0.3002 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(191, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 217)  
}
```

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(191, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 217) }
```

Border

The CSS property to change the border of an element to Yxy 54.2260, 0.2939, 0.3002 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(191, 193, 217) }
```

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

```
.border{ border-color:rgb(191, 193, 217) }
```

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

Here you see how a box with a 4 pixel rgb(191, 193, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2260, 0.2939, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 217) }
```

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

```
.background{ background-color: rgb(191,  
193, 217) }
```

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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