

Converting Colors

$Yxy(54.2809, 0.2930, 0.2998)$

Have a look what the booklet for
Yxy(54.2809, 0.2930, 0.2998)
contains.

Yxy(54.1490, 0.2924, 0.2990)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1490, 0.2924, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	BEC1DA
RGB	190, 193, 218
RGB Percent	75%, 76%, 85%
CMY	0.2551, 0.2431, 0.1451
CMYK	0.13, 0.11, 0.00, 0.15
HSL	233°, 27%, 80%
HSV	233°, 13%, 85%
XYZ	52.9537, 54.1490, 73.9976
YIQ	194.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

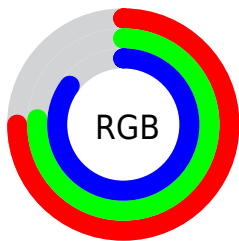
Format	Color
R _Y B	190, 193, 218
Decimal	12501466
CIE Lab	78.55, 3.89, -12.82
CIE LCh	79, 13.401, 286.862
Yxy	54.1490, 0.2924, 0.2990
Android (android.graphics.Color)	4290691546 (0xFFBEC1DA)
YUV	194.9530, 11.3622, -4.3438
Hunter-Lab	73.5860, -0.3239, -8.1114

Details

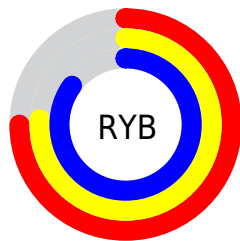
The Yxy color **54.1490, 0.2924, 0.2990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2033, 0.3323, 0.3573**, and the grayscale version is **54.4776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5642, 0.3073, 0.3232**, and **26.6348, 0.2867, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **43.5175, 0.2746, 0.2723**, and if you desaturate by 10%, it is **66.3334, 0.3084, 0.3227**.

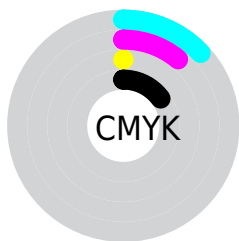
Distribution



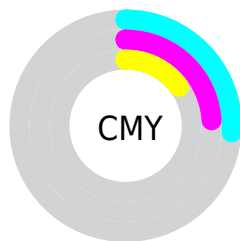
- Red (75%)
- Green (76%)
- Blue (85%)



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



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1490, 0.2924, 0.2990 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 54.1490, 0.2924, 0.2990 by changing the saturation by 10% instead.

■ 54.1490, 0.2924,
0.2990

■ 54.1490, 0.2924,
0.2990

402.6779, 0.3023,
0.3134

■ 38.7208, 0.2900,
0.2956

□ 96.2930, 0.2959,
0.3041

■ 26.5426, 0.2870,
0.2912

123.7776, 0.2973,
0.3061

■ 17.2300, 0.2830,
0.2856

156.0497, 0.2984,
0.3078

■ 10.3986, 0.2776,
0.2781

193.4938, 0.2994,
0.3092

■ 5.6640, 0.2699,
0.2674

236.4943, 0.3003,
0.3105

■ 2.6419, 0.2579,
0.2512

285.4356, 0.3010,

■ 0.9478, 0.2371,

0.3116

0.2238

340.7020, 0.3017,
0.3126

0.0000, 0.0000,
0.0000

54.1490, 0.2924,
0.2990

54.1490, 0.2924,
0.2990

43.5175, 0.2746,
0.2723

66.3334, 0.3084,
0.3227

34.3698, 0.2554,
0.2427

80.1225, 0.3227,
0.3435

26.6418, 0.2351,
0.2111

95.5048, 0.3351,
0.3616

20.2619, 0.2147,
0.1783

97.8426, 0.3345,
0.3651

15.1523, 0.1952,
0.1463

■ 11.2273, 0.1781,
0.1171

■ 8.3901, 0.1647,
0.0928

■ 6.5287, 0.1557,
0.0751

■ 5.7046, 0.1519,
0.0668

Harmonies

Analogous

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



54.1490, 0.2815, 0.3029



54.1490, 0.2924, 0.2990



54.1490, 0.3089, 0.3027

Triad

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



54.1490, 0.2924, 0.2990



54.1490, 0.3479, 0.3424



54.1490, 0.2982, 0.3459

Complementary

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



54.1490, 0.2924, 0.2990



67.2033, 0.3323, 0.3573

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.



54.1490, 0.3157, 0.3573



54.1490, 0.2924, 0.2990



54.1490, 0.3447, 0.3547

Square

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



54.1490, 0.2924, 0.2990



54.1490, 0.3413, 0.3272



54.1490, 0.3328, 0.3604



54.1490, 0.2848, 0.3298

Rectangle

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



54.1490, 0.2924, 0.2990



54.1490, 0.3211, 0.3089



54.1490, 0.3328, 0.3604



54.1490, 0.3038, 0.3504

Sweetspot

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



54.1513, 0.2924, 0.2990



92.4533, 0.3067, 0.3201



65.9840, 0.2952, 0.3328



19.4940, 0.3055, 0.3184



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.



54.1513, 0.2924, 0.2990



73.6002, 0.2885, 0.2932



54.2510, 0.3006, 0.2961



12.8441, 0.2981, 0.3075



3.4940, 0.1523, 0.0681



0.3049, 0.1579, 0.0883

Inverse Universe

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



55.5686, 0.3336, 0.3255



75.9727, 0.3379, 0.3249



67.1676, 0.3238, 0.3615



13.0744, 0.3275, 0.3265



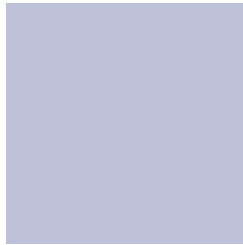
8.9765, 0.6264, 0.3224



0.5895, 0.5939, 0.3045

Previews

White Background



This preview shows how the Yxy color 54.1490, 0.2924, 0.2990 looks on a white background.

Color Contrast Check

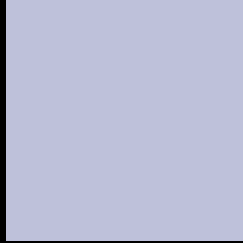
Large Text (above 18pt) WCAG AA × Fail

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 54.1490, 0.2924, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

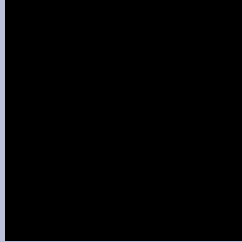
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1490, 0.2924, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 54.1490, 0.2924, 0.2990.



This preview shows how white text looks on a background with the Yxy color 54.1490, 0.2924, 0.2990.

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

54.1490, 0.2924, 0.2990

Protanopia

54.2782, 0.2932, 0.2991

Deuteranopia

54.0662, 0.3009, 0.2939



Tritanopia

54.0555, 0.2973, 0.3095

Trichromacy



Original Color

54.1490, 0.2924, 0.2990

Protanomaly

54.2782, 0.2932, 0.2991

Deuteranomaly

53.9472, 0.2978, 0.2948

Tritanomaly

54.2065, 0.2952, 0.3060

Monochromacy



Original Color

54.1490, 0.2924, 0.2990

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2328, 0.3053, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1490, 0.2924, 0.2990 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, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 218)  
}
```

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, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.1490, 0.2924, 0.2990 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, 193, 218) }
```

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

```
.border{ border-color:rgb(190, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1490, 0.2924, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 218) }
```

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

```
.background{ background-color: rgb(190,  
193, 218) }
```

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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