

Converting Colors

$Yxy(59.1719, 0.2949, 0.2991)$

Have a look what the booklet for
Yxy(59.1719, 0.2949, 0.2991)
contains.

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Color

Yxy(59.0789, 0.2946, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	C8C8E2
RGB	200, 200, 226
RGB Percent	78%, 78%, 89%
CMY	0.2156, 0.2157, 0.1136
CMYK	0.11, 0.12, 0.00, 0.11
HSL	240°, 31%, 84%
HSV	240°, 12%, 89%
XYZ	58.2095, 59.0789, 80.2999
YIQ	202.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

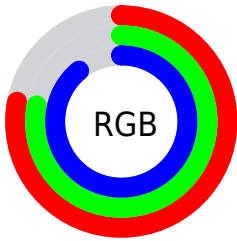
Format	Color
R _{YB}	200, 200, 226
Decimal	13158626
CIE Lab	81.33, 5.06, -12.88
CIE LCh	81, 13.836, 291.457
Yxy	59.0789, 0.2946, 0.2990
Android (android.graphics.Color)	4291348706 (0xFFC8C8E2)
YUV	202.9640, 11.3567, -2.5994
Hunter-Lab	76.8628, 0.6712, -8.1373

Details

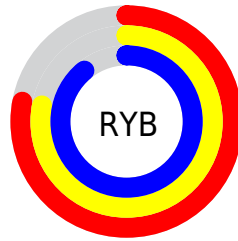
The Yxy color **59.0789, 0.2946, 0.2990** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7382, 0.3298, 0.3573**, and the grayscale version is **59.6332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6090, 0.2897, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **46.4932, 0.2766, 0.2692**, and if you desaturate by 10%, it is **73.6757, 0.3105, 0.3253**.

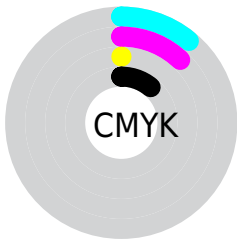
Distribution



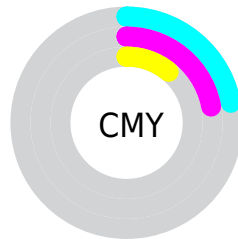
- Red (78%)
- Green (78%)
- Blue (89%)



- Red (78%)
- Yellow (78%)
- Blue (89%)



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



- Cyan (22%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0789, 0.2946, 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 59.0789, 0.2946, 0.2990 by changing the saturation by 10% instead.

■ 59.0789, 0.2946,
0.2990

■ 59.0789, 0.2946,
0.2990

421.1942, 0.3033,
0.3132

■ 42.6766, 0.2925,
0.2957

103.4923, 0.2977,
0.3040

■ 29.6315, 0.2899,
0.2915

132.2723, 0.2989,
0.3059

■ 19.5590, 0.2865,
0.2862

165.9469, 0.2999,
0.3076

■ 12.0749, 0.2820,
0.2792

204.9006, 0.3008,
0.3090

■ 6.7947, 0.2755,
0.2693

249.5178, 0.3015,
0.3102

■ 3.3341, 0.2658,
0.2548

300.1829, 0.3022,

■ 1.3085, 0.2493,

0.3113

0.2312

357.2802, 0.3028,
0.3123

0.1478, 0.1788,
0.1001

0.0000, 0.0000,
0.0000

59.0789, 0.2946,
0.2990

59.0789, 0.2946,
0.2990

46.4932, 0.2766,
0.2692

73.6757, 0.3105,
0.3253

35.8234, 0.2568,
0.2364

90.3584, 0.3243,
0.3482

26.9780, 0.2355,
0.2012

98.2720, 0.3297,
0.3572

19.8548, 0.2139,
0.1655

■ 14.3418, 0.1934,
0.1315

■ 10.3135, 0.1755,
0.1020

■ 7.6261, 0.1620,
0.0796

■ 6.1074, 0.1536,
0.0659

■ 5.4944, 0.1501,
0.0600

Harmonies

Analogous

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



59.0789, 0.2826, 0.3017



59.0789, 0.2946, 0.2990



59.0789, 0.3117, 0.3038

Triad

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



59.0789, 0.2946, 0.2990



59.0789, 0.3482, 0.3446



59.0789, 0.2957, 0.3437

Complementary

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



59.0789, 0.2946, 0.2990



74.7382, 0.3298, 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.



59.0789, 0.3129, 0.3561



59.0789, 0.2946, 0.2990



59.0789, 0.3435, 0.3561

Square

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



59.0789, 0.2946, 0.2990



59.0789, 0.3430, 0.3296



59.0789, 0.3305, 0.3606



59.0789, 0.2833, 0.3272

Rectangle

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



59.0789, 0.2946, 0.2990



59.0789, 0.3238, 0.3106



59.0789, 0.3305, 0.3606



59.0789, 0.3011, 0.3485

Sweetspot

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



59.0814, 0.2946, 0.2990



93.7959, 0.3082, 0.3216



72.1737, 0.2951, 0.3289



19.7303, 0.3070, 0.3195



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.



59.0814, 0.2946, 0.2990



73.1551, 0.2902, 0.2917



60.9444, 0.3042, 0.2999



13.2444, 0.2981, 0.3047



3.1344, 0.1501, 0.0600



0.2176, 0.1502, 0.0601

Inverse Universe

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



62.9669, 0.3141, 0.3008



79.2961, 0.3144, 0.2944



72.7201, 0.3205, 0.3582



13.9353, 0.3138, 0.3059



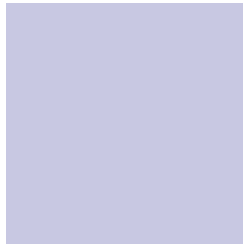
12.3459, 0.3213, 0.1544



0.8559, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 59.0789, 0.2946, 0.2990 looks on a white background.

Color Contrast Check

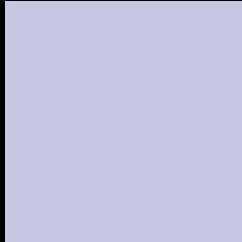
Large Text (above 18pt) WCAG AA × Fail

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 59.0789, 0.2946, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

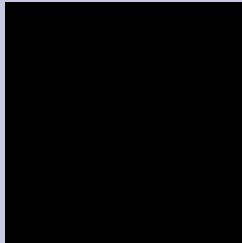
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0789, 0.2946, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 59.0789, 0.2946, 0.2990.

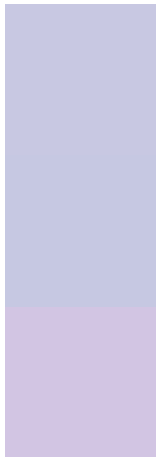


This preview shows how white text looks on a background with the Yxy color 59.0789, 0.2946, 0.2990.

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

59.0789, 0.2946, 0.2990

Protanopia

58.8053, 0.2931, 0.2989

Deuteranopia

59.1802, 0.3013, 0.2952



Tritanopia

58.9252, 0.3000, 0.3103

Trichromacy



Original Color

59.0789, 0.2946, 0.2990

Protanomaly

58.9417, 0.2939, 0.2990

Deuteranomaly

59.0560, 0.2983, 0.2960

Tritanomaly

59.0827, 0.2979, 0.3069

Monochromacy



Original Color

59.0789, 0.2946, 0.2990

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5008, 0.3063, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0789, 0.2946, 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(200, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 226)  
}
```

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(200, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 226) }
```

Border

The CSS property to change the border of an element to Yxy 59.0789, 0.2946, 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(200, 200, 226) }
```

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

```
.border{ border-color:rgb(200, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0789, 0.2946, 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(200, 200, 226) }
```

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

```
.background{ background-color: rgb(200,  
200, 226) }
```

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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