

Converting Colors

$Yxy(42.0303, 0.2582, 0.2694)$

Have a look what the booklet for
Yxy(42.0303, 0.2582, 0.2694)
contains.

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Color

Yxy(42.0303, 0.2582, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	93AFDC
RGB	147, 175, 220
RGB Percent	58%, 69%, 86%
CMY	0.4235, 0.3137, 0.1372
CMYK	0.33, 0.20, 0.00, 0.14
HSL	217°, 51%, 72%
HSV	217°, 33%, 86%
XYZ	40.2829, 42.0303, 73.7012
YIQ	171.7580, -31.1330, 8.0590

Conversions

Conversions Part 2

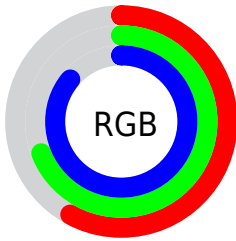
Format	Color
R_{YB}	147, 167, 220
Decimal	9678812
CIE _{Lab}	70.89, 1.04, -25.79
CIE _{LCh}	71, 25.812, 272.314
Yxy	42.0303, 0.2582, 0.2694
Android (android.graphics.Color)	4287868892 (0xFF93AFDC)
YUV	171.7580, 23.7833, -21.7128
Hunter-Lab	64.8308, -2.5420, -22.0208

Details

The Yxy color **42.0303, 0.2582, 0.2694** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **55.0316, 0.3723, 0.3820**, and the grayscale version is **41.0180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5101, 0.2804, 0.3023**, and **19.2622, 0.2430, 0.2531** is the 20% darker color. If you saturate the color by 10%, you get **35.1705, 0.2407, 0.2476**, and if you desaturate by 10%, it is **49.8128, 0.2755, 0.2896**.

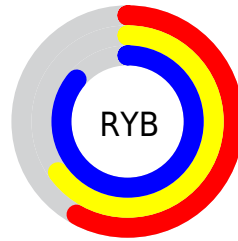
Distribution



Red (58%)

Green (69%)

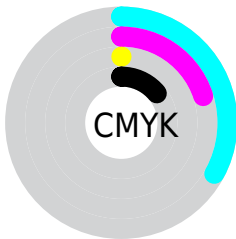
Blue (86%)



Red (58%)

Yellow (65%)

Blue (86%)

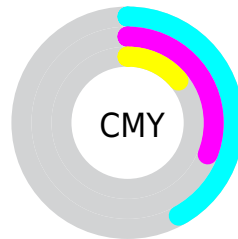


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0303, 0.2582, 0.2694 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 42.0303, 0.2582, 0.2694 by changing the saturation by 10% instead.

■ 42.0303, 0.2582,
0.2694

■ 42.0303, 0.2582,
0.2694

■ 354.6085, 0.2854,
0.2991

■ 29.1250, 0.2515,
0.2621

■ 78.2455, 0.2681,
0.2801

■ 19.1754, 0.2429,
0.2528

■ 102.3242, 0.2718,
0.2842

■ 11.7971, 0.2316,
0.2406

■ 130.8961, 0.2749,
0.2876

■ 6.6057, 0.2162,
0.2240

■ 164.3457, 0.2776,
0.2906

■ 3.2167, 0.1942,
0.2003

■ 203.0574, 0.2800,
0.2931

■ 1.2459, 0.1606,
0.1645

■ 247.4154, 0.2820,

■ 0.0987, 0.0483,

0.2954

0.0399

297.8044, 0.2838,
0.2973

0.0000, 0.0000,
0.0000

42.0303, 0.2582,
0.2694

42.0303, 0.2582,
0.2694

35.1705, 0.2407,
0.2476

49.8128, 0.2755,
0.2896

29.1907, 0.2236,
0.2244

58.5486, 0.2921,
0.3078

24.0517, 0.2074,
0.2005

68.2725, 0.3079,
0.3242

19.7089, 0.1929,
0.1766

79.0163, 0.3227,
0.3387

16.1124, 0.1807,
0.1536

90.4252, 0.3350,
0.3516

■ 13.2048, 0.1714,
0.1325

■ 97.9475, 0.3333,
0.3631

■ 11.5624, 0.1665,
0.1195

Harmonies

Analogous

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



42.0303, 0.2443, 0.2834



42.0303, 0.2582, 0.2694



42.0303, 0.2866, 0.2705

Triad

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



42.0303, 0.2582, 0.2694



42.0303, 0.3830, 0.3400



42.0303, 0.2987, 0.3796

Complementary

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



42.0303, 0.2582, 0.2694



55.0316, 0.3723, 0.3820

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.



42.0303, 0.3359, 0.3955



42.0303, 0.2582, 0.2694



42.0303, 0.3859, 0.3694

Square

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



42.0303, 0.2582, 0.2694



42.0303, 0.3597, 0.3099



42.0303, 0.3681, 0.3906



42.0303, 0.2665, 0.3473

Rectangle

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



42.0303, 0.2582, 0.2694



42.0303, 0.3109, 0.2789



42.0303, 0.3681, 0.3906



42.0303, 0.3110, 0.3871

Sweetspot

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



42.0319, 0.2582, 0.2694



85.8555, 0.2971, 0.3131



61.1459, 0.2821, 0.3669



17.9757, 0.2948, 0.3107



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.



42.0319, 0.2582, 0.2694



51.7383, 0.2457, 0.2539



32.9413, 0.2591, 0.2323



13.4315, 0.2981, 0.3142



6.9855, 0.1673, 0.1223



0.6162, 0.1764, 0.1551

Inverse Universe

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



39.1840, 0.3600, 0.2958



47.8530, 0.3747, 0.2884



67.3973, 0.3568, 0.4131



13.1337, 0.3232, 0.3201



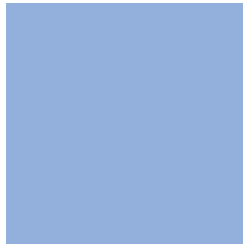
9.3290, 0.5434, 0.2767



0.6209, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 42.0303, 0.2582, 0.2694 looks on a white background.

Color Contrast Check

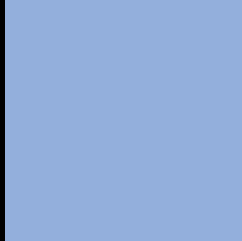
Large Text (above 18pt) WCAG AA × Fail

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 42.0303, 0.2582, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

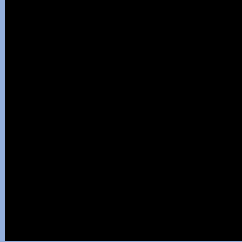
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

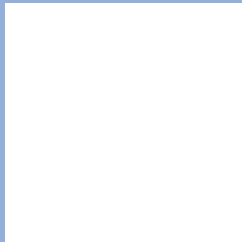
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0303, 0.2582, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 42.0303, 0.2582, 0.2694.



This preview shows how white text looks on a background with the Yxy color 42.0303, 0.2582, 0.2694.

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

42.0303, 0.2582, 0.2694

Protanopia

41.8170, 0.2703, 0.2693

Deuteranopia

41.9692, 0.2698, 0.2637



Tritanopia

42.2003, 0.2714, 0.3092

Trichromacy



Original Color

42.0303, 0.2582, 0.2694

Protanomaly

41.7351, 0.2661, 0.2688

Deuteranomaly

41.9946, 0.2649, 0.2654

Tritanomaly

41.9922, 0.2666, 0.2944

Monochromacy



Original Color

42.0303, 0.2582, 0.2694

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3478, 0.2914, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0303, 0.2582, 0.2694 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(147, 175, 220)` looks like.

```
.text, #text, p{  
    color:rgb(147, 175, 220)  
}
```

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(147, 175, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 175, 220) }
```

Border

The CSS property to change the border of an element to Yxy 42.0303, 0.2582, 0.2694 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(147, 175, 220) }
```

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

```
.border{ border-color:rgb(147, 175, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 175, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 175, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 175, 220);  
box-shadow:4px 4px 4px 4px rgb(147, 175,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0303, 0.2582, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 175, 220) }
```

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

```
.background{ background-color: rgb(147,  
175, 220) }
```

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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