

Converting Colors

$Yxy(42.8824, 0.2617, 0.2613)$

Have a look what the booklet for
Yxy(42.8824, 0.2617, 0.2613)
contains.

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Color

Yxy(43.0322, 0.2620, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	9EAE E2
RGB	158, 174, 226
RGB Percent	62%, 68%, 89%
CMY	0.3803, 0.3177, 0.1137
CMYK	0.30, 0.23, 0.00, 0.11
HSL	226°, 54%, 75%
HSV	226°, 30%, 89%
XYZ	42.9666, 43.0322, 77.9959
YIQ	175.1440, -26.2280, 12.7800

Conversions

Conversions Part 2

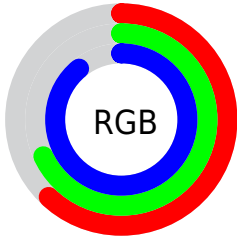
Format	Color
R _Y B	158, 171, 226
Decimal	10399458
CIE Lab	71.58, 6.25, -27.96
CIE LCh	72, 28.647, 282.604
Yxy	43.0322, 0.2620, 0.2624
Android (android.graphics.Color)	4288589538 (0xFF9EAE2)
YUV	175.1440, 25.0720, -15.0353
Hunter-Lab	65.5989, 2.1175, -24.5754

Details

The Yxy color **43.0322, 0.2620, 0.2624** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.7435, 0.3628, 0.3877**, and the grayscale version is **42.8284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5548, 0.2871, 0.3017**, and **19.8246, 0.2484, 0.2458** is the 20% darker color. If you saturate the color by 10%, you get **34.6932, 0.2431, 0.2356**, and if you desaturate by 10%, it is **52.6558, 0.2801, 0.2870**.

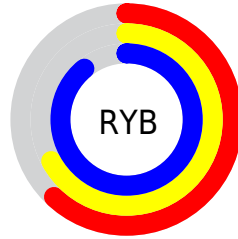
Distribution



Red (62%)

Green (68%)

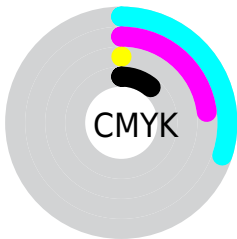
Blue (89%)



Red (62%)

Yellow (67%)

Blue (89%)

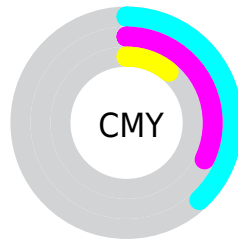


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0322, 0.2620, 0.2624 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 43.0322, 0.2620, 0.2624 by changing the saturation by 10% instead.

■ 43.0322, 0.2620,
0.2624

■ 43.0322, 0.2620,
0.2624

■ 358.7442, 0.2874,
0.2951

■ 29.9104, 0.2557,
0.2545

■ 79.7594, 0.2712,
0.2741

■ 19.7706, 0.2478,
0.2446

■ 104.1337, 0.2746,
0.2785

■ 12.2284, 0.2373,
0.2317

■ 133.0275, 0.2776,
0.2823

■ 6.8994, 0.2230,
0.2144

■ 166.8253, 0.2801,
0.2856

■ 3.3993, 0.2025,
0.1902

■ 205.9114, 0.2823,
0.2884

■ 1.3436, 0.1714,
0.1546

■ 250.6704, 0.2842,

■ 0.1746, 0.1000,

0.2909

0.0548

301.4865, 0.2859,
0.2931

0.0000, 0.0000,
0.0000

43.0322, 0.2620,
0.2624

43.0322, 0.2620,
0.2624

34.6932, 0.2431,
0.2356

52.6558, 0.2801,
0.2870

27.5779, 0.2240,
0.2072

63.6110, 0.2970,
0.3092

21.6281, 0.2055,
0.1782

75.9488, 0.3126,
0.3288

16.7786, 0.1886,
0.1498

89.7158, 0.3267,
0.3461

12.9569, 0.1744,
0.1237

98.2713, 0.3298,
0.3572

■ 10.0810, 0.1637,
0.1014

■ 8.0490, 0.1567,
0.0840

Harmonies

Analogous

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



43.0322, 0.2410, 0.2717



43.0322, 0.2620, 0.2624



43.0322, 0.2972, 0.2691

Triad

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



43.0322, 0.2620, 0.2624



43.0322, 0.3940, 0.3522



43.0322, 0.2839, 0.3742

Complementary

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



43.0322, 0.2620, 0.2624



64.7435, 0.3628, 0.3877

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.



43.0322, 0.3239, 0.3992



43.0322, 0.2620, 0.2624



43.0322, 0.3888, 0.3825

Square

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



43.0322, 0.2620, 0.2624



43.0322, 0.3754, 0.3188



43.0322, 0.3626, 0.4011



43.0322, 0.2528, 0.3351

Rectangle

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



43.0322, 0.2620, 0.2624



43.0322, 0.3251, 0.2813



43.0322, 0.3626, 0.4011



43.0322, 0.2967, 0.3848

Sweetspot

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



43.0339, 0.2620, 0.2624



85.2104, 0.2987, 0.3113



66.2702, 0.2788, 0.3499



17.7571, 0.2963, 0.3083



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.



43.0339, 0.2620, 0.2624



49.6333, 0.2504, 0.2461



39.0665, 0.2729, 0.2443



13.7636, 0.2981, 0.3105



4.7435, 0.1574, 0.0864



0.4655, 0.1654, 0.1154

Inverse Universe

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



43.6852, 0.3642, 0.3105



51.0189, 0.3792, 0.3066



70.4212, 0.3451, 0.4073



13.7531, 0.3255, 0.3235



9.3869, 0.5968, 0.3061



0.6644, 0.5531, 0.2821

Previews

White Background



This preview shows how the Yxy color 43.0322, 0.2620, 0.2624 looks on a white background.

Color Contrast Check

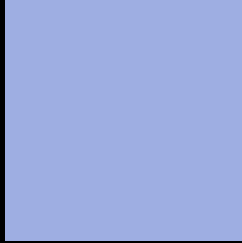
Large Text (above 18pt) WCAG AA × Fail

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 43.0322, 0.2620, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

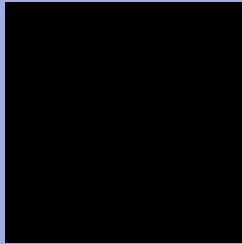
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0322, 0.2620, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 43.0322, 0.2620, 0.2624.



This preview shows how white text looks on a background with the Yxy color 43.0322, 0.2620, 0.2624.

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

43.0322, 0.2620, 0.2624

Protanopia

42.9005, 0.2646, 0.2626

Deuteranopia

42.9954, 0.2668, 0.2607



Tritanopia

43.1169, 0.2788, 0.3096

Trichromacy



Original Color

43.0322, 0.2620, 0.2624

Protanomaly

42.7970, 0.2639, 0.2625

Deuteranomaly

43.0595, 0.2647, 0.2616

Tritanomaly

43.1670, 0.2726, 0.2914

Monochromacy



Original Color

43.0322, 0.2620, 0.2624

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9900, 0.2926, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0322, 0.2620, 0.2624 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(158, 174, 226)` looks like.

```
.text, #text, p{  
    color:rgb(158, 174, 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(158, 174, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 174, 226) }
```

Border

The CSS property to change the border of an element to Yxy 43.0322, 0.2620, 0.2624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

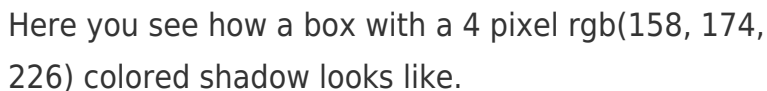
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 174, 226) }
```

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

```
.border{ border-color:rgb(158, 174, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 174, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 174, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 174, 226); box-shadow:4px 4px 4px 4px rgb(158, 174, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0322, 0.2620, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 174, 226) }
```

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

```
.background{ background-color: rgb(158,  
174, 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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