

Converting Colors

$Yxy(44.5607, 0.2642, 0.2716)$

Have a look what the booklet for
Yxy(44.5607, 0.2642, 0.2716)
contains.

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Color

Yxy(44.4376, 0.2645, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	9EB2DF
RGB	158, 178, 223
RGB Percent	62%, 70%, 87%
CMY	0.3803, 0.3020, 0.1256
CMYK	0.29, 0.20, 0.00, 0.13
HSL	222°, 50%, 75%
HSV	222°, 29%, 87%
XYZ	43.3398, 44.4376, 76.0781
YIQ	177.1500, -26.3650, 9.7550

Conversions

Conversions Part 2

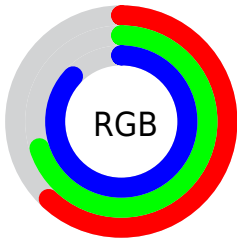
Format	Color
R _Y B	158, 173, 223
Decimal	10400479
CIE Lab	72.52, 3.29, -24.85
CIE LCh	73, 25.069, 277.549
Yxy	44.4376, 0.2645, 0.2712
Android (android.graphics.Color)	4288590559 (0xFF9EB2DF)
YUV	177.1500, 22.6041, -16.7945
Hunter-Lab	66.6615, -0.6065, -21.0022

Details

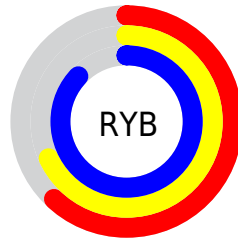
The Yxy color **44.4376, 0.2645, 0.2712** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.8582, 0.3625, 0.3807**, and the grayscale version is **43.9412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3618, 0.2873, 0.3071**, and **20.7521, 0.2510, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **36.5775, 0.2463, 0.2472**, and if you desaturate by 10%, it is **53.4028, 0.2820, 0.2932**.

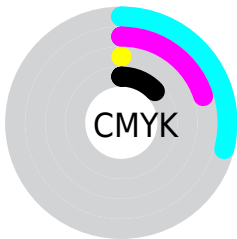
Distribution



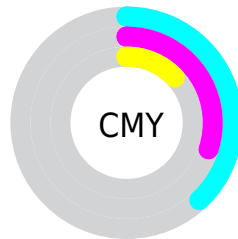
- Red (62%)
- Green (70%)
- Blue (87%)



- Red (62%)
- Yellow (68%)
- Blue (87%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4376, 0.2645, 0.2712 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 44.4376, 0.2645, 0.2712 by changing the saturation by 10% instead.

■ 44.4376, 0.2645,
0.2712

■ 44.4376, 0.2645,
0.2712

364.4910, 0.2885,
0.2997

■ 31.0147, 0.2586,
0.2643

■ 81.8758, 0.2732,
0.2814

■ 20.6100, 0.2511,
0.2555

■ 106.6599, 0.2764,
0.2853

■ 12.8392, 0.2413,
0.2441

135.9998, 0.2792,
0.2886

■ 7.3179, 0.2278,
0.2287

170.2800, 0.2816,
0.2914

■ 3.6617, 0.2086,
0.2069

209.8848, 0.2837,
0.2939

■ 1.4862, 0.1791,
0.1741

255.1987, 0.2855,

■ 0.2790, 0.1109,

0.2960

0.0895

306.6059, 0.2871,
0.2980

0.0000, 0.0000,
0.0000

44.4376, 0.2645,
0.2712

44.4376, 0.2645,
0.2712

36.5775, 0.2463,
0.2472

53.4028, 0.2820,
0.2932

29.7722, 0.2281,
0.2216

63.5101, 0.2986,
0.3129

23.9752, 0.2104,
0.1951

74.8012, 0.3140,
0.3305

19.1339, 0.1941,
0.1686

87.3139, 0.3282,
0.3459

15.1904, 0.1802,
0.1433

98.1057, 0.3316,
0.3602

■ 12.0792, 0.1693,
0.1205

■ 9.7108, 0.1616,
0.1011

■ 9.5310, 0.1610,
0.0995

Harmonies

Analogous

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



44.4376, 0.2485, 0.2821



44.4376, 0.2645, 0.2712



44.4376, 0.2937, 0.2746

Triad

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



44.4376, 0.2645, 0.2712



44.4376, 0.3816, 0.3448



44.4376, 0.2934, 0.3726

Complementary

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



44.4376, 0.2645, 0.2712



60.8582, 0.3625, 0.3807

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.



44.4376, 0.3288, 0.3910



44.4376, 0.2645, 0.2712



44.4376, 0.3809, 0.3720

Square

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



44.4376, 0.2645, 0.2712



44.4376, 0.3625, 0.3156



44.4376, 0.3611, 0.3899



44.4376, 0.2644, 0.3404

Rectangle

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



44.4376, 0.2645, 0.2712



44.4376, 0.3174, 0.2841



44.4376, 0.3611, 0.3899



44.4376, 0.3050, 0.3807

Sweetspot

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



44.4394, 0.2645, 0.2712



86.1813, 0.2987, 0.3130



64.3107, 0.2823, 0.3546



17.9949, 0.2963, 0.3103



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.



44.4394, 0.2645, 0.2712



53.5300, 0.2534, 0.2567



38.3276, 0.2710, 0.2466



13.9275, 0.2981, 0.3123



5.7824, 0.1617, 0.1021



0.5561, 0.1703, 0.1329

Inverse Universe

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



43.3598, 0.3573, 0.3056



52.3010, 0.3705, 0.3005



69.0826, 0.3474, 0.4038



13.7696, 0.3244, 0.3218



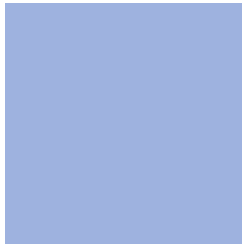
9.4918, 0.5727, 0.2928



0.6736, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 44.4376, 0.2645, 0.2712 looks on a white background.

Color Contrast Check

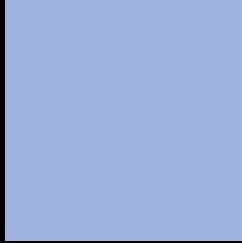
Large Text (above 18pt) WCAG AA × Fail

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 44.4376, 0.2645, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

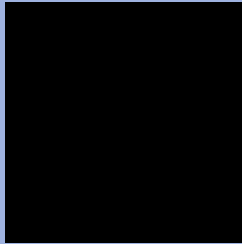
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

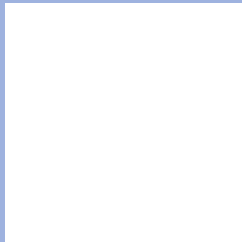
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4376, 0.2645, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 44.4376, 0.2645, 0.2712.



This preview shows how white text looks on a background with the Yxy color 44.4376, 0.2645, 0.2712.

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

44.4376, 0.2645, 0.2712

Protanopia

44.4866, 0.2720, 0.2718

Deuteranopia

44.3118, 0.2728, 0.2663



Tritanopia

44.6705, 0.2785, 0.3099

Trichromacy



Original Color

44.4376, 0.2645, 0.2712

Protanomaly

44.6107, 0.2693, 0.2717

Deuteranomaly

44.1488, 0.2692, 0.2670

Tritanomaly

44.4725, 0.2737, 0.2956

Monochromacy



Original Color

44.4376, 0.2645, 0.2712

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8854, 0.2935, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4376, 0.2645, 0.2712 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, 178, 223)` looks like.

```
.text, #text, p{  
    color:rgb(158, 178, 223)  
}
```

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, 178, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 178, 223) }
```

Border

The CSS property to change the border of an element to Yxy 44.4376, 0.2645, 0.2712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

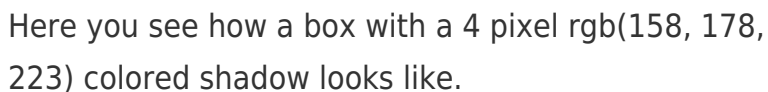
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 178, 223) }
```

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

```
.border{ border-color:rgb(158, 178, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 178, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 178, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 178, 223); box-shadow:4px 4px 4px 4px rgb(158, 178, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4376, 0.2645, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 178, 223) }
```

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

```
.background{ background-color: rgb(158,  
178, 223) }
```

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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