

Converting Colors

$Yxy(44.9929, 0.2621, 0.2723)$

Have a look what the booklet for
Yxy(44.9929, 0.2621, 0.2723)
contains.

Yxy(44.9929, 0.2621, 0.2723)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9929, 0.2621, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	9BB4E0
RGB	155, 180, 224
RGB Percent	61%, 71%, 88%
CMY	0.3918, 0.2942, 0.1215
CMYK	0.31, 0.20, 0.00, 0.12
HSL	218°, 53%, 74%
HSV	218°, 31%, 88%
XYZ	43.3075, 44.9929, 76.9324
YIQ	177.5410, -29.0240, 8.3840

Conversions

Conversions Part 2

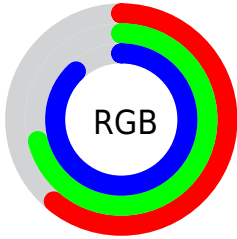
Format	Color
R _Y B	155, 173, 224
Decimal	10204384
CIE Lab	72.89, 1.62, -24.88
CIE LCh	73, 24.932, 273.714
Yxy	44.9929, 0.2621, 0.2723
Android (android.graphics.Color)	4288394464 (0xFF9BB4E0)
YUV	177.5410, 22.9043, -19.7685
Hunter-Lab	67.0767, -2.1373, -21.0478

Details

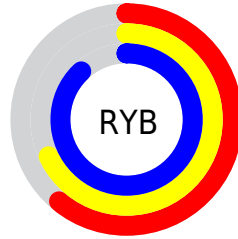
The Yxy color **44.9929, 0.2621, 0.2723** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.1245, 0.3669, 0.3797**, and the grayscale version is **44.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0598, 0.2856, 0.3091**, and **20.8681, 0.2479, 0.2557** is the 20% darker color. If you saturate the color by 10%, you get **37.4957, 0.2444, 0.2500**, and if you desaturate by 10%, it is **53.5016, 0.2794, 0.2928**.

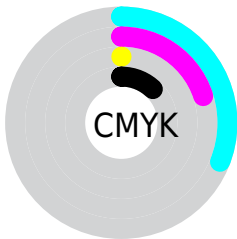
Distribution



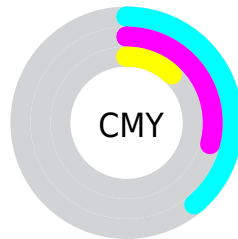
- Red (61%)
- Green (71%)
- Blue (88%)



- Red (61%)
- Yellow (68%)
- Blue (88%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (39%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9929, 0.2621, 0.2723 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 44.9929, 0.2621, 0.2723 by changing the saturation by 10% instead.

■ 44.9929, 0.2621,
0.2723

■ 44.9929, 0.2621,
0.2723

366.7448, 0.2872,
0.3002

■ 31.4518, 0.2560,
0.2655

■ 82.7098, 0.2711,
0.2823

■ 20.9431, 0.2482,
0.2569

■ 107.6543, 0.2745,
0.2861

■ 13.0825, 0.2380,
0.2457

137.1689, 0.2774,
0.2894

■ 7.4853, 0.2242,
0.2305

171.6378, 0.2799,
0.2922

■ 3.7674, 0.2044,
0.2090

211.4454, 0.2821,
0.2946

■ 1.5443, 0.1746,
0.1767

256.9762, 0.2840,

■ 0.3196, 0.1058,

0.2967

0.0986

308.6145, 0.2857,
0.2986

0.0000, 0.0000,
0.0000

44.9929, 0.2621,
0.2723

44.9929, 0.2621,
0.2723

37.4957, 0.2444,
0.2500

53.5016, 0.2794,
0.2928

30.9639, 0.2268,
0.2262

63.0546, 0.2960,
0.3113

25.3553, 0.2100,
0.2015

73.6900, 0.3116,
0.3278

20.6222, 0.1947,
0.1768

85.4420, 0.3260,
0.3424

16.7116, 0.1818,
0.1529

95.9758, 0.3314,
0.3559

■ 13.5628, 0.1716,
0.1310

■ 98.1626, 0.3309,
0.3591

■ 11.2512, 0.1648,
0.1131

Harmonies

Analogous

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



44.9929, 0.2481, 0.2850



44.9929, 0.2621, 0.2723



44.9929, 0.2896, 0.2739

Triad

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



44.9929, 0.2621, 0.2723



44.9929, 0.3796, 0.3409



44.9929, 0.2979, 0.3754

Complementary

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



44.9929, 0.2621, 0.2723



59.1245, 0.3669, 0.3797

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.



44.9929, 0.3331, 0.3914



44.9929, 0.2621, 0.2723



44.9929, 0.3814, 0.3685

Square

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



44.9929, 0.2621, 0.2723



44.9929, 0.3584, 0.3122



44.9929, 0.3640, 0.3878



44.9929, 0.2679, 0.3447

Rectangle

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



44.9929, 0.2621, 0.2723



44.9929, 0.3128, 0.2823



44.9929, 0.3640, 0.3878



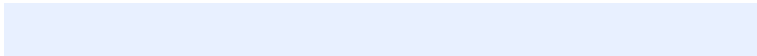
44.9929, 0.3095, 0.3828

Sweetspot

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



44.9947, 0.2621, 0.2723



86.9031, 0.2987, 0.3143



64.4083, 0.2827, 0.3608



18.1720, 0.2964, 0.3117



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.



44.9947, 0.2621, 0.2723



53.6654, 0.2506, 0.2580



36.7786, 0.2654, 0.2406



14.0494, 0.2981, 0.3136



6.7472, 0.1655, 0.1159



0.6336, 0.1742, 0.1469

Inverse Universe

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



42.6175, 0.3570, 0.3000



50.5550, 0.3703, 0.2937



70.1093, 0.3520, 0.4075



13.7819, 0.3236, 0.3206



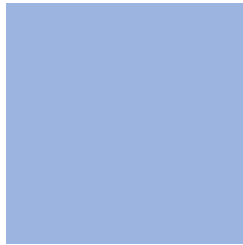
9.5892, 0.5525, 0.2817



0.6814, 0.5099, 0.2583

Previews

White Background



This preview shows how the Yxy color 44.9929, 0.2621, 0.2723 looks on a white background.

Color Contrast Check

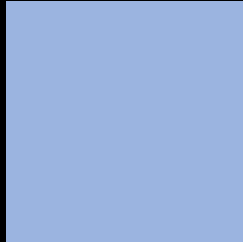
Large Text (above 18pt) WCAG AA × Fail

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 44.9929, 0.2621, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

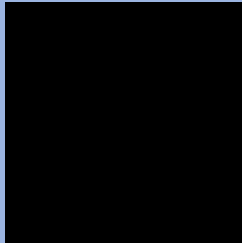
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

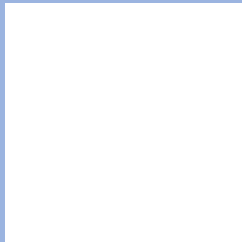
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9929, 0.2621, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 44.9929, 0.2621, 0.2723.



This preview shows how white text looks on a background with the Yxy color 44.9929, 0.2621, 0.2723.

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

44.9929, 0.2621, 0.2723

Protanopia

45.0430, 0.2722, 0.2721

Deuteranopia

44.8668, 0.2730, 0.2666



Tritanopia

44.8885, 0.2751, 0.3085

Trichromacy



Original Color

44.9929, 0.2621, 0.2723

Protanomaly

44.9550, 0.2680, 0.2717

Deuteranomaly

44.9875, 0.2688, 0.2685

Tritanomaly

45.0964, 0.2705, 0.2956

Monochromacy



Original Color

44.9929, 0.2621, 0.2723

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7264, 0.2928, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9929, 0.2621, 0.2723 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(155, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 180, 224)  
}
```

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(155, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 180, 224) }
```

Border

The CSS property to change the border of an element to Yxy 44.9929, 0.2621, 0.2723 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(155, 180, 224) }
```

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

```
.border{ border-color:rgb(155, 180, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 180, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(155, 180,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9929, 0.2621, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 180, 224) }
```

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

```
.background{ background-color: rgb(155,  
180, 224) }
```

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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