

Converting Colors

$Y_{xy}(44.4862, 0.2559, 0.2702)$

Have a look what the booklet for
Yxy(44.4862, 0.2559, 0.2702)
contains.

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Color

Yxy(44.3365, 0.2555, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	93B4E2
RGB	147, 180, 226
RGB Percent	58%, 71%, 89%
CMY	0.4235, 0.2941, 0.1138
CMYK	0.35, 0.20, 0.00, 0.11
HSL	215°, 58%, 73%
HSV	215°, 35%, 89%
XYZ	42.0801, 44.3365, 78.2806
YIQ	175.3770, -34.4340, 7.3100

Conversions

Conversions Part 2

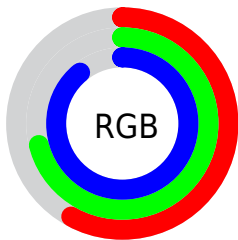
Format	Color
R_{YB}	147, 170, 226
Decimal	9680098
CIE _{Lab}	72.45, -0.18, -26.66
CIE _{LCh}	72, 26.664, 269.609
Yxy	44.3365, 0.2555, 0.2692
Android (android.graphics.Color)	4287870178 (0xFF93B4E2)
YUV	175.3770, 24.9571, -24.8866
Hunter-Lab	66.5857, -3.7182, -23.0936

Details

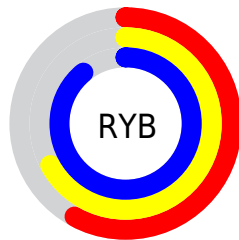
The Yxy color **44.3365, 0.2555, 0.2692** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.4082, 0.3772, 0.3820**, and the grayscale version is **42.9579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9074, 0.2808, 0.3088**, and **20.4462, 0.2391, 0.2513** is the 20% darker color. If you saturate the color by 10%, you get **37.3874, 0.2384, 0.2484**, and if you desaturate by 10%, it is **52.2037, 0.2726, 0.2885**.

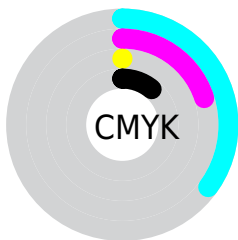
Distribution



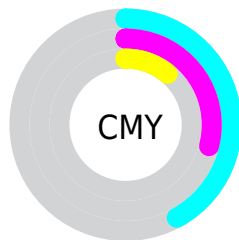
- Red (58%)
- Green (71%)
- Blue (89%)



- Red (58%)
- Yellow (67%)
- Blue (89%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3365, 0.2555, 0.2692 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 44.3365, 0.2555, 0.2692 by changing the saturation by 10% instead.

■ 44.3365, 0.2555,
0.2692

■ 44.3365, 0.2555,
0.2692

■ 364.0797, 0.2838,
0.2988

■ 30.9351, 0.2486,
0.2620

■ 81.7239, 0.2657,
0.2798

■ 20.5495, 0.2399,
0.2529

■ 106.4786, 0.2695,
0.2839

■ 12.7951, 0.2285,
0.2409

■ 135.7867, 0.2728,
0.2873

■ 7.2876, 0.2131,
0.2248

■ 170.0324, 0.2756,
0.2902

■ 3.6426, 0.1914,
0.2021

■ 209.6001, 0.2780,
0.2928

■ 1.4757, 0.1590,
0.1681

■ 254.8744, 0.2802,

■ 0.2715, 0.0781,

0.2950

0.0836

306.2394, 0.2821,
0.2970

0.0000, 0.0000,
0.0000

44.3365, 0.2555,
0.2692

44.3365, 0.2555,
0.2692

37.3874, 0.2384,
0.2484

52.2037, 0.2726,
0.2885

31.3131, 0.2218,
0.2263

61.0194, 0.2892,
0.3061

26.0741, 0.2063,
0.2036

70.8188, 0.3052,
0.3218

21.6250, 0.1926,
0.1809

81.6337, 0.3202,
0.3359

17.9148, 0.1813,
0.1590

92.5335, 0.3308,
0.3484

■ 14.8838, 0.1728,
0.1388

■ 98.2702, 0.3298,
0.3572

■ 13.5700, 0.1693,
0.1293

Harmonies

Analogous

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



44.3365, 0.2429, 0.2847



44.3365, 0.2555, 0.2692



44.3365, 0.2831, 0.2690

Triad

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



44.3365, 0.2555, 0.2692



44.3365, 0.3827, 0.3373



44.3365, 0.3018, 0.3827

Complementary

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



44.3365, 0.2555, 0.2692



56.4082, 0.3772, 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.



44.3365, 0.3395, 0.3969



44.3365, 0.2555, 0.2692



44.3365, 0.3876, 0.3674

Square

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



44.3365, 0.2555, 0.2692



44.3365, 0.3574, 0.3070



44.3365, 0.3713, 0.3901



44.3365, 0.2683, 0.3509

Rectangle

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



44.3365, 0.2555, 0.2692



44.3365, 0.3074, 0.2768



44.3365, 0.3713, 0.3901



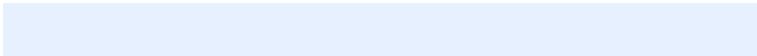
44.3365, 0.3144, 0.3898

Sweetspot

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



44.3382, 0.2555, 0.2692



86.3712, 0.2971, 0.3140



64.3840, 0.2821, 0.3728



18.1001, 0.2949, 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.



44.3382, 0.2555, 0.2692



51.4903, 0.2429, 0.2540



33.0616, 0.2535, 0.2255



14.1796, 0.2981, 0.3150



7.9652, 0.1701, 0.1322



0.7260, 0.1785, 0.1625

Inverse Universe

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



40.3316, 0.3607, 0.2908



46.2429, 0.3754, 0.2827



71.8203, 0.3612, 0.4171



13.7951, 0.3227, 0.3192



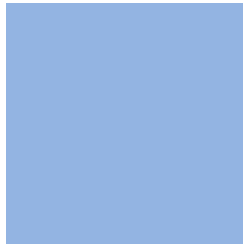
9.7121, 0.5297, 0.2691



0.6908, 0.4899, 0.2472

Previews

White Background



This preview shows how the Yxy color 44.3365, 0.2555, 0.2692 looks on a white background.

Color Contrast Check

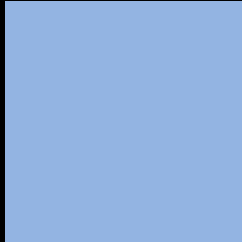
Large Text (above 18pt) WCAG AA × Fail

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 44.3365, 0.2555, 0.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

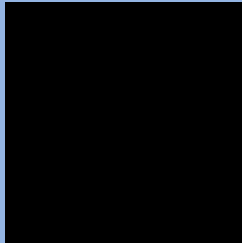
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

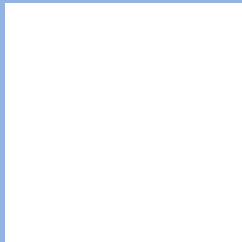
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3365, 0.2555, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 44.3365, 0.2555, 0.2692.



This preview shows how white text looks on a background with the Yxy color 44.3365, 0.2555, 0.2692.

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

44.3365, 0.2555, 0.2692

Protanopia

44.0946, 0.2698, 0.2681

Deuteranopia

44.1430, 0.2686, 0.2626



Tritanopia

44.5308, 0.2683, 0.3082

Trichromacy



Original Color

44.3365, 0.2555, 0.2692

Protanomaly

44.1970, 0.2644, 0.2688

Deuteranomaly

44.0703, 0.2631, 0.2642

Tritanomaly

44.3101, 0.2636, 0.2937

Monochromacy



Original Color

44.3365, 0.2555, 0.2692

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3387, 0.2895, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3365, 0.2555, 0.2692 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, 180, 226)` looks like.

```
.text, #text, p{  
    color:rgb(147, 180, 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(147, 180, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 180, 226) }
```

Border

The CSS property to change the border of an element to Yxy 44.3365, 0.2555, 0.2692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

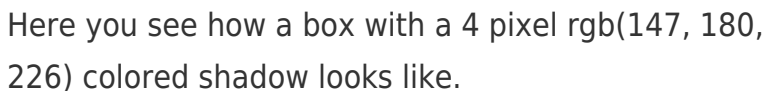
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 180, 226) }
```

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

```
.border{ border-color:rgb(147, 180, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 180, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 180, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 180, 226); box-shadow:4px 4px 4px 4px rgb(147, 180, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3365, 0.2555, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 180, 226) }
```

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

```
.background{ background-color: rgb(147,  
180, 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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