

Converting Colors

$Y_{xy}(44.1994, 0.2604, 0.2765)$

Have a look what the booklet for
Yxy(44.1994, 0.2604, 0.2765)
contains.

Yxy(44.1994, 0.2604, 0.2765)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.1994, 0.2604, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	95B4DC
RGB	149, 180, 220
RGB Percent	58%, 71%, 86%
CMY	0.4158, 0.2941, 0.1374
CMYK	0.32, 0.18, 0.00, 0.14
HSL	214°, 50%, 72%
HSV	214°, 32%, 86%
XYZ	41.6258, 44.1994, 74.0280
YIQ	175.2910, -31.3160, 5.8680

Conversions

Conversions Part 2

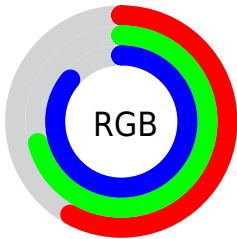
Format	Color
RYB	149, 171, 220
Decimal	9811164
CIELab	72.36, -1.17, -23.52
CIELCh	72, 23.545, 267.163
Yxy	44.1994, 0.2604, 0.2765
Android (android.graphics.Color)	4288001244 (0xFF95B4DC)
YUV	175.2910, 22.0415, -23.0572
Hunter-Lab	66.4826, -4.5831, -19.4812

Details

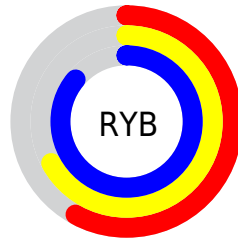
The Yxy color **44.1994, 0.2604, 0.2765** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.7417, 0.3718, 0.3762**, and the grayscale version is **42.9213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1900, 0.2820, 0.3089**, and **20.3822, 0.2459, 0.2610** is the 20% darker color. If you saturate the color by 10%, you get **37.5472, 0.2435, 0.2568**, and if you desaturate by 10%, it is **51.6921, 0.2772, 0.2947**.

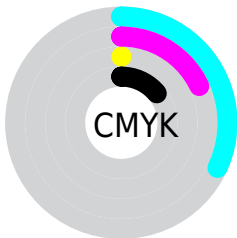
Distribution



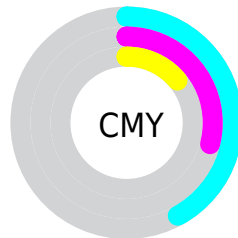
- Red (58%)
- Green (71%)
- Blue (86%)



- Red (58%)
- Yellow (67%)
- Blue (86%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1994, 0.2604, 0.2765 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 44.1994, 0.2604, 0.2765 by changing the saturation by 10% instead.

■ 44.1994, 0.2604,
0.2765

■ 44.1994, 0.2604,
0.2765

363.5214, 0.2863,
0.3026

■ 30.8273, 0.2540,
0.2701

■ 81.5177, 0.2697,
0.2859

■ 20.4674, 0.2460,
0.2619

■ 106.2327, 0.2733,
0.2895

■ 12.7352, 0.2354,
0.2511

135.4975, 0.2763,
0.2925

■ 7.2465, 0.2210,
0.2365

169.6964, 0.2789,
0.2951

■ 3.6167, 0.2004,
0.2154

209.2138, 0.2811,
0.2974

■ 1.4616, 0.1692,
0.1832

254.4342, 0.2831,

■ 0.2614, 0.0795,

0.2993

0.0945

305.7419, 0.2848,
0.3011

0.0000, 0.0000,
0.0000

44.1994, 0.2604,
0.2765

44.1994, 0.2604,
0.2765

37.5472, 0.2435,
0.2568

51.6921, 0.2772,
0.2947

31.6967, 0.2269,
0.2358

60.0517, 0.2936,
0.3111

26.6131, 0.2114,
0.2140

69.3096, 0.3093,
0.3259

22.2569, 0.1974,
0.1920

79.4939, 0.3240,
0.3390

18.5833, 0.1857,
0.1704

89.8743, 0.3351,
0.3507

■ 15.5411, 0.1765,
0.1501

■ 97.4901, 0.3335,
0.3625

■ 13.5668, 0.1710,
0.1355

■ 97.9459, 0.3334,
0.3631

Harmonies

Analogous

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



44.1994, 0.2503, 0.2917



44.1994, 0.2604, 0.2765



44.1994, 0.2842, 0.2750

Triad

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



44.1994, 0.2604, 0.2765



44.1994, 0.3732, 0.3344



44.1994, 0.3059, 0.3777

Complementary

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



44.1994, 0.2604, 0.2765



53.7417, 0.3718, 0.3762

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.



44.1994, 0.3393, 0.3890



44.1994, 0.2604, 0.2765



44.1994, 0.3793, 0.3614

Square

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



44.1994, 0.2604, 0.2765



44.1994, 0.3499, 0.3075



44.1994, 0.3664, 0.3820



44.1994, 0.2755, 0.3510

Rectangle

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



44.1994, 0.2604, 0.2765



44.1994, 0.3054, 0.2813



44.1994, 0.3664, 0.3820



44.1994, 0.3172, 0.3835

Sweetspot

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



44.2011, 0.2604, 0.2765



86.6645, 0.2971, 0.3145



61.1901, 0.2849, 0.3705



18.1709, 0.2949, 0.3123



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.



44.2011, 0.2604, 0.2765



55.1078, 0.2485, 0.2628



33.3748, 0.2580, 0.2346



13.5494, 0.2982, 0.3155



8.1777, 0.1718, 0.1383



0.6993, 0.1806, 0.1701

Inverse Universe

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



39.9911, 0.3544, 0.2923



49.0115, 0.3672, 0.2840



68.0044, 0.3584, 0.4100



13.1456, 0.3224, 0.3188



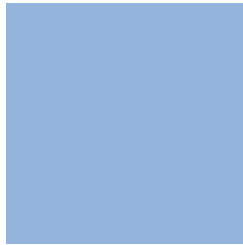
9.4493, 0.5213, 0.2646



0.6293, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 44.1994, 0.2604, 0.2765 looks on a white background.

Color Contrast Check

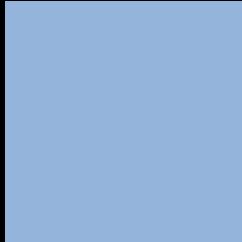
Large Text (above 18pt) WCAG AA × Fail

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 44.1994, 0.2604, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

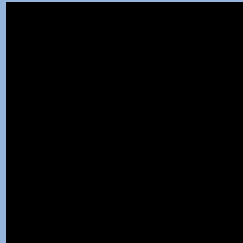
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

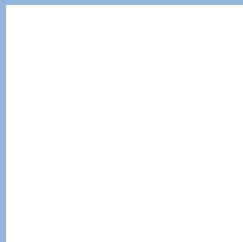
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1994, 0.2604, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 44.1994, 0.2604, 0.2765.

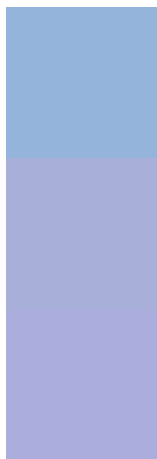


This preview shows how white text looks on a background with the Yxy color 44.1994, 0.2604, 0.2765.

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

44.1994, 0.2604, 0.2765

Protanopia

43.9945, 0.2753, 0.2753

Deuteranopia

44.1505, 0.2748, 0.2697



Tritanopia

44.2875, 0.2715, 0.3096

Trichromacy



Original Color

44.1994, 0.2604, 0.2765

Protanomaly

44.0833, 0.2697, 0.2760

Deuteranomaly

44.0577, 0.2691, 0.2714

Tritanomaly

44.4342, 0.2676, 0.2978

Monochromacy



Original Color

44.1994, 0.2604, 0.2765

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3129, 0.2925, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1994, 0.2604, 0.2765 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(149, 180, 220)` looks like.

```
.text, #text, p{  
    color:rgb(149, 180, 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(149, 180, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 180, 220) }
```

Border

The CSS property to change the border of an element to Yxy 44.1994, 0.2604, 0.2765 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(149, 180, 220) }
```

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

```
.border{ border-color:rgb(149, 180, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 180, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 180, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 180, 220);  
box-shadow:4px 4px 4px 4px rgb(149, 180,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1994, 0.2604, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 180, 220) }
```

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

```
.background{ background-color: rgb(149,  
180, 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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