

Converting Colors

$Yxy(44.5588, 0.2520, 0.2733)$

Have a look what the booklet for
Yxy(44.5588, 0.2520, 0.2733)
contains.

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Color

Yxy(44.4676, 0.2520, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	8CB6E1
RGB	140, 182, 225
RGB Percent	55%, 71%, 88%
CMY	0.4508, 0.2863, 0.1177
CMYK	0.38, 0.19, 0.00, 0.12
HSL	210°, 59%, 72%
HSV	210°, 38%, 88%
XYZ	41.1374, 44.4676, 77.6387
YIQ	174.3440, -38.8350, 4.4690

Conversions

Conversions Part 2

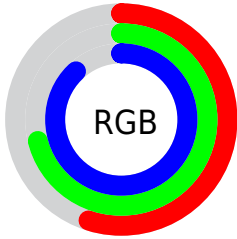
Format	Color
RYB	140, 168, 225
Decimal	9221857
CIELab	72.54, -3.42, -26.02
CIELCh	73, 26.247, 262.502
Yxy	44.4676, 0.2520, 0.2724
Android (android.graphics.Color)	4287411937 (0xFF8CB6E1)
YUV	174.3440, 24.9734, -30.1197
Hunter-Lab	66.6840, -6.5803, -22.3512

Details

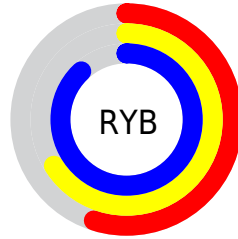
The Yxy color **44.4676, 0.2520, 0.2724** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.7819, 0.3861, 0.3792**, and the grayscale version is **42.4025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1048, 0.2769, 0.3107**, and **20.5812, 0.2352, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **38.2339, 0.2359, 0.2541**, and if you desaturate by 10%, it is **51.4836, 0.2685, 0.2894**.

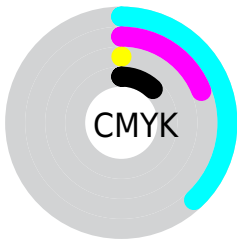
Distribution



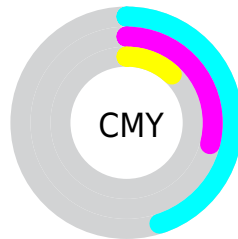
- Red (55%)
- Green (71%)
- Blue (88%)



- Red (55%)
- Yellow (66%)
- Blue (88%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4676, 0.2520, 0.2724 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 44.4676, 0.2520, 0.2724 by changing the saturation by 10% instead.

■ 44.4676, 0.2520,
0.2724

■ 44.4676, 0.2520,
0.2724

364.6130, 0.2819,
0.3006

■ 31.0383, 0.2447,
0.2655

■ 81.9209, 0.2627,
0.2826

■ 20.6280, 0.2356,
0.2567

■ 106.7137, 0.2668,
0.2864

■ 12.8524, 0.2237,
0.2452

136.0631, 0.2703,
0.2897

■ 7.3270, 0.2076,
0.2295

170.3535, 0.2732,
0.2925

■ 3.6674, 0.1850,
0.2072

209.9693, 0.2758,
0.2949

■ 1.4893, 0.1515,
0.1735

255.2949, 0.2781,

■ 0.2812, 0.0589,

0.2970

0.0902

306.7147, 0.2801,
0.2989

0.0000, 0.0000,
0.0000

44.4676, 0.2520,
0.2724

44.4676, 0.2520,
0.2724

38.2339, 0.2359,
0.2541

51.4836, 0.2685,
0.2894

32.7438, 0.2206,
0.2349

59.3080, 0.2848,
0.3050

27.9626, 0.2066,
0.2150

67.9714, 0.3008,
0.3191

23.8498, 0.1946,
0.1952

77.5016, 0.3161,
0.3317

20.3589, 0.1848,
0.1758

87.9245, 0.3306,
0.3429

■ 17.4294, 0.1775,
0.1576

■ 95.2647, 0.3309,
0.3538

■ 16.8299, 0.1760,
0.1536

■ 98.2155, 0.3304,
0.3582

Harmonies

Analogous

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



44.4676, 0.2435, 0.2912



44.4676, 0.2520, 0.2724



44.4676, 0.2761, 0.2687

Triad

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



44.4676, 0.2520, 0.2724



44.4676, 0.3772, 0.3299



44.4676, 0.3108, 0.3869

Complementary

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



44.4676, 0.2520, 0.2724



51.7819, 0.3861, 0.3792

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.



44.4676, 0.3474, 0.3960



44.4676, 0.2520, 0.2724



44.4676, 0.3872, 0.3602

Square

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



44.4676, 0.2520, 0.2724



44.4676, 0.3487, 0.3010



44.4676, 0.3758, 0.3849



44.4676, 0.2760, 0.3589

Rectangle

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



44.4676, 0.2520, 0.2724



44.4676, 0.2987, 0.2742



44.4676, 0.3758, 0.3849



44.4676, 0.3233, 0.3923

Sweetspot

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



44.4693, 0.2520, 0.2724



86.3370, 0.2955, 0.3146



62.8214, 0.2832, 0.3847



18.1401, 0.2934, 0.3127



0.0000, 0.0000, 0.0000



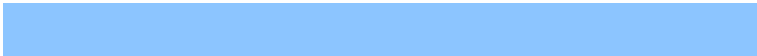
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4693, 0.2520, 0.2724



52.7147, 0.2398, 0.2587



29.7844, 0.2435, 0.2146



14.3557, 0.2981, 0.3168



9.9326, 0.1768, 0.1563



0.8675, 0.1846, 0.1845

Inverse Universe

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



38.1521, 0.3592, 0.2804



44.1170, 0.3727, 0.2708



71.7434, 0.3692, 0.4225



13.8128, 0.3215, 0.3175



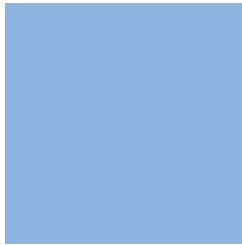
9.9107, 0.4978, 0.2516



0.7050, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 44.4676, 0.2520, 0.2724 looks on a white background.

Color Contrast Check

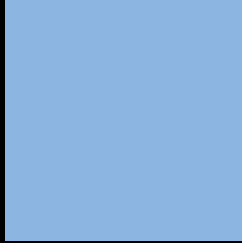
Large Text (above 18pt) WCAG AA × Fail

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 44.4676, 0.2520, 0.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

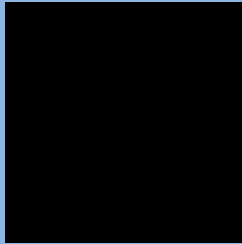
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

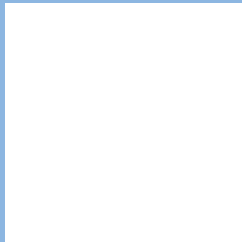
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4676, 0.2520, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 44.4676, 0.2520, 0.2724.



This preview shows how white text looks on a background with the Yxy color 44.4676, 0.2520, 0.2724.

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

44.4676, 0.2520, 0.2724

Protanopia

44.4335, 0.2727, 0.2730

Deuteranopia

44.2532, 0.2693, 0.2627



Tritanopia

44.4032, 0.2631, 0.3080

Trichromacy



Original Color

44.4676, 0.2520, 0.2724

Protanomaly

44.2828, 0.2644, 0.2722

Deuteranomaly

44.2044, 0.2624, 0.2664

Tritanomaly

44.5853, 0.2588, 0.2948

Monochromacy



Original Color

44.4676, 0.2520, 0.2724

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9759, 0.2878, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4676, 0.2520, 0.2724 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(140, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 182, 225)  
}
```

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(140, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 182, 225) }
```

Border

The CSS property to change the border of an element to Yxy 44.4676, 0.2520, 0.2724 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(140, 182, 225) }
```

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

```
.border{ border-color:rgb(140, 182, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 182, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 182, 225);  
box-shadow:4px 4px 4px 4px rgb(140, 182,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4676, 0.2520, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 182, 225) }
```

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

```
.background{ background-color: rgb(140,  
182, 225) }
```

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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