

Converting Colors

$Y_{xy}(45.2147, 0.2530, 0.2751)$

Have a look what the booklet for
Yxy(45.2147, 0.2530, 0.2751)
contains.

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Color

Yxy(45.3799, 0.2530, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	8DB8E1
RGB	141, 184, 225
RGB Percent	55%, 72%, 88%
CMY	0.4470, 0.2784, 0.1176
CMYK	0.37, 0.18, 0.00, 0.12
HSL	209°, 58%, 72%
HSV	209°, 37%, 88%
XYZ	41.7192, 45.3799, 77.7988
YIQ	175.8170, -38.7890, 3.6350

Conversions

Conversions Part 2

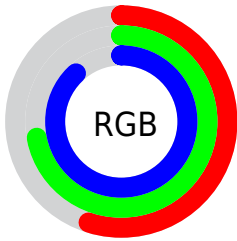
Format	Color
R_{YB}	141, 169, 225
Decimal	9287905
CIE _{Lab}	73.14, -4.24, -25.11
CIE _{LCh}	73, 25.464, 260.409
Yxy	45.3799, 0.2530, 0.2752
Android (android.graphics.Color)	4287477985 (0xFF8DB8E1)
YUV	175.8170, 24.2472, -30.5345
Hunter-Lab	67.3646, -7.3423, -21.3183

Details

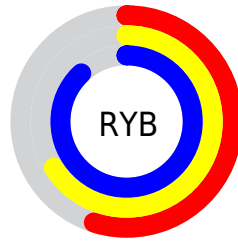
The Yxy color **45.3799, 0.2530, 0.2752** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.4035, 0.3857, 0.3770**, and the grayscale version is **43.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4105, 0.2777, 0.3129**, and **21.1611, 0.2367, 0.2595** is the 20% darker color. If you saturate the color by 10%, you get **39.2160, 0.2371, 0.2577**, and if you desaturate by 10%, it is **52.3025, 0.2693, 0.2915**.

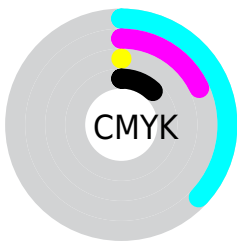
Distribution



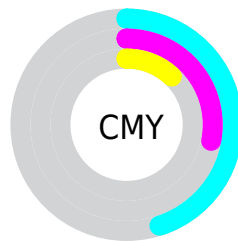
- Red (55%)
- Green (72%)
- Blue (88%)



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



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3799, 0.2530, 0.2752 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 45.3799, 0.2530, 0.2752 by changing the saturation by 10% instead.

■ 45.3799, 0.2530,
0.2752

■ 45.3799, 0.2530,
0.2752

368.3100, 0.2823,
0.3020

■ 31.7568, 0.2459,
0.2686

■ 83.2902, 0.2635,
0.2849

■ 21.1758, 0.2370,
0.2603

■ 108.3462, 0.2675,
0.2885

■ 13.2526, 0.2253,
0.2493

137.9818, 0.2709,
0.2916

■ 7.6027, 0.2097,
0.2344

172.5816, 0.2738,
0.2943

■ 3.8418, 0.1876,
0.2131

212.5300, 0.2764,
0.2966

■ 1.5855, 0.1550,
0.1808

258.2112, 0.2786,

■ 0.3478, 0.0699,

0.2986

0.1072

310.0097, 0.2806,
0.3004

■ 0.0000, 0.0000,
0.0000

■ 45.3799, 0.2530,
0.2752

■ 45.3799, 0.2530,
0.2752

■ 39.2160, 0.2371,
0.2577

■ 52.3025, 0.2693,
0.2915

■ 33.7733, 0.2219,
0.2392

■ 60.0088, 0.2856,
0.3065

■ 29.0180, 0.2082,
0.2201

■ 68.5287, 0.3015,
0.3200

■ 24.9109, 0.1963,
0.2009

■ 77.8888, 0.3167,
0.3321

■ 21.4071, 0.1866,
0.1821

■ 88.1144, 0.3313,
0.3428

■ 18.4492, 0.1794,
0.1642

■ 95.0203, 0.3309,
0.3534

■ 17.7279, 0.1777,
0.1596

■ 98.2166, 0.3303,
0.3582

Harmonies

Analogous

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



45.3799, 0.2459, 0.2944



45.3799, 0.2530, 0.2752



45.3799, 0.2753, 0.2705

Triad

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



45.3799, 0.2530, 0.2752



45.3799, 0.3734, 0.3279



45.3799, 0.3134, 0.3859

Complementary

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



45.3799, 0.2530, 0.2752



51.4035, 0.3857, 0.3770

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.



45.3799, 0.3485, 0.3933



45.3799, 0.2530, 0.2752



45.3799, 0.3845, 0.3573

Square

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



45.3799, 0.2530, 0.2752



45.3799, 0.3450, 0.3002



45.3799, 0.3749, 0.3817



45.3799, 0.2794, 0.3601

Rectangle

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



45.3799, 0.2530, 0.2752



45.3799, 0.2968, 0.2752



45.3799, 0.3749, 0.3817



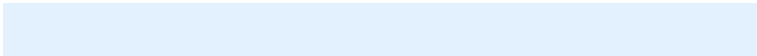
45.3799, 0.3255, 0.3907

Sweetspot

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



45.3817, 0.2530, 0.2752



86.6326, 0.2956, 0.3151



62.8810, 0.2843, 0.3859



18.2105, 0.2934, 0.3133



0.0000, 0.0000, 0.0000



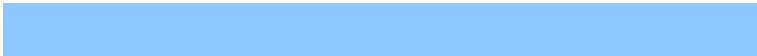
21.4041, 0.3127, 0.3290

Same Dimension

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



45.3817, 0.2530, 0.2752



53.6478, 0.2402, 0.2613



30.5749, 0.2447, 0.2180



14.3972, 0.2981, 0.3173



10.4499, 0.1784, 0.1623



0.9035, 0.1860, 0.1897

Inverse Universe

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



38.5270, 0.3569, 0.2793



44.2112, 0.3706, 0.2688



71.0331, 0.3691, 0.4201



13.8170, 0.3212, 0.3171



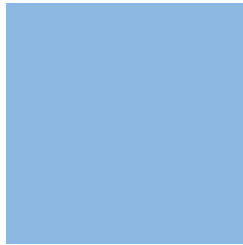
9.9630, 0.4903, 0.2474



0.7087, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 45.3799, 0.2530, 0.2752 looks on a white background.

Color Contrast Check

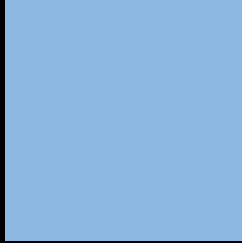
Large Text (above 18pt) WCAG AA × Fail

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 45.3799, 0.2530, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

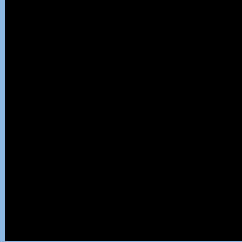
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

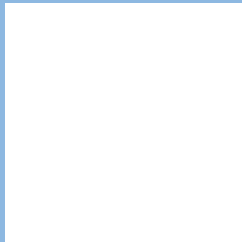
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3799, 0.2530, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 45.3799, 0.2530, 0.2752.



This preview shows how white text looks on a background with the Yxy color 45.3799, 0.2530, 0.2752.

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

45.3799, 0.2530, 0.2752

Protanopia

45.0466, 0.2743, 0.2745

Deuteranopia

45.3674, 0.2718, 0.2657



Tritanopia

45.5125, 0.2635, 0.3082

Trichromacy



Original Color

45.3799, 0.2530, 0.2752

Protanomaly

45.2874, 0.2661, 0.2751

Deuteranomaly

45.3083, 0.2648, 0.2694

Tritanomaly

45.6471, 0.2598, 0.2964

Monochromacy



Original Color

45.3799, 0.2530, 0.2752

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9218, 0.2880, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3799, 0.2530, 0.2752 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(141, 184, 225)` looks like.

```
.text, #text, p{  
    color:rgb(141, 184, 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(141, 184, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 184, 225) }
```

Border

The CSS property to change the border of an element to Yxy 45.3799, 0.2530, 0.2752 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(141, 184, 225) }
```

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

```
.border{ border-color:rgb(141, 184, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 184, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 184, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 184, 225);  
box-shadow:4px 4px 4px 4px rgb(141, 184,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3799, 0.2530, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 184, 225) }
```

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

```
.background{ background-color: rgb(141,  
184, 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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