

Converting Colors

$Y_{xy}(42.1536, 0.2549, 0.2714)$

Have a look what the booklet for
Yxy(42.1536, 0.2549, 0.2714)
contains.

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Color

Yxy(42.2743, 0.2545, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	8DB1DC
RGB	141, 177, 220
RGB Percent	55%, 69%, 86%
CMY	0.4471, 0.3059, 0.1371
CMYK	0.36, 0.20, 0.00, 0.14
HSL	213°, 53%, 71%
HSV	213°, 36%, 86%
XYZ	39.6273, 42.2743, 73.8049
YIQ	171.1380, -35.2590, 5.7410

Conversions

Conversions Part 2

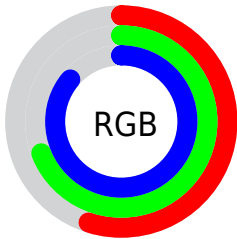
Format	Color
RYB	141, 166, 220
Decimal	9286108
CIELab	71.06, -1.73, -25.58
CIELCh	71, 25.642, 266.131
Yxy	42.2743, 0.2545, 0.2715
Android (android.graphics.Color)	4287476188 (0xFF8DB1DC)
YUV	171.1380, 24.0890, -26.4310
Hunter-Lab	65.0187, -4.9914, -21.7889

Details

The Yxy color **42.2743, 0.2545, 0.2715** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.4366, 0.3804, 0.3801**, and the grayscale version is **40.6884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3681, 0.2771, 0.3053**, and **19.4101, 0.2380, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **36.0082, 0.2379, 0.2520**, and if you desaturate by 10%, it is **49.3423, 0.2713, 0.2896**.

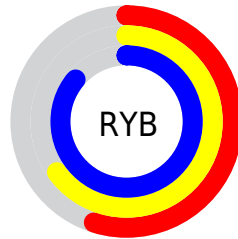
Distribution



Red (55%)

Green (69%)

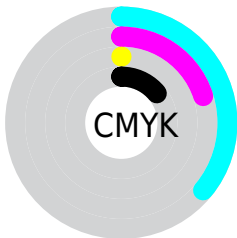
Blue (86%)



Red (55%)

Yellow (65%)

Blue (86%)

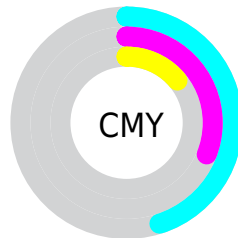


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (45%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2743, 0.2545, 0.2715 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 42.2743, 0.2545, 0.2715 by changing the saturation by 10% instead.

■ 42.2743, 0.2545,
0.2715

■ 42.2743, 0.2545,
0.2715

355.6188, 0.2835,
0.3003

■ 29.3161, 0.2474,
0.2644

■ 78.6146, 0.2650,
0.2819

■ 19.3201, 0.2383,
0.2553

■ 102.7655, 0.2689,
0.2859

■ 11.9018, 0.2265,
0.2434

131.4162, 0.2723,
0.2892

■ 6.6768, 0.2103,
0.2271

164.9509, 0.2751,
0.2920

■ 3.2608, 0.1873,
0.2037

203.7541, 0.2776,
0.2945

■ 1.2694, 0.1527,
0.1680

248.2102, 0.2798,

■ 0.1173, 0.0283,

0.2967

0.0479

298.7037, 0.2818,
0.2986

0.0000, 0.0000,
0.0000

42.2743, 0.2545,
0.2715

42.2743, 0.2545,
0.2715

36.0082, 0.2379,
0.2520

49.3423, 0.2713,
0.2896

30.5057, 0.2219,
0.2314

57.2385, 0.2878,
0.3061

25.7321, 0.2071,
0.2101

65.9937, 0.3037,
0.3210

21.6474, 0.1941,
0.1888

75.6358, 0.3188,
0.3342

18.2063, 0.1834,
0.1682

86.1911, 0.3330,
0.3459

■ 15.3550, 0.1754,
0.1488

■ 94.1064, 0.3341,
0.3573

■ 14.3289, 0.1726,
0.1413

■ 97.9492, 0.3333,
0.3631

Harmonies

Analogous

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



42.2743, 0.2440, 0.2884



42.2743, 0.2545, 0.2715



42.2743, 0.2801, 0.2696

Triad

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



42.2743, 0.2545, 0.2715



42.2743, 0.3791, 0.3336



42.2743, 0.3063, 0.3840

Complementary

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



42.2743, 0.2545, 0.2715



51.4366, 0.3804, 0.3801

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.



42.2743, 0.3430, 0.3956



42.2743, 0.2545, 0.2715



42.2743, 0.3864, 0.3635

Square

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



42.2743, 0.2545, 0.2715



42.2743, 0.3526, 0.3044



42.2743, 0.3728, 0.3868



42.2743, 0.2726, 0.3545

Rectangle

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



42.2743, 0.2545, 0.2715



42.2743, 0.3032, 0.2762



42.2743, 0.3728, 0.3868



42.2743, 0.3187, 0.3902

Sweetspot

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



42.2759, 0.2545, 0.2715



85.7030, 0.2955, 0.3135



60.2921, 0.2829, 0.3778



17.9892, 0.2933, 0.3114



0.0000, 0.0000, 0.0000



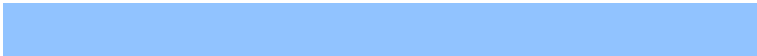
21.4041, 0.3127, 0.3290

Same Dimension

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



42.2759, 0.2545, 0.2715



52.4367, 0.2421, 0.2571



30.1130, 0.2496, 0.2218



13.5895, 0.2982, 0.3159



8.6234, 0.1734, 0.1441



0.7295, 0.1820, 0.1753

Inverse Universe

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



37.4434, 0.3593, 0.2863



45.5717, 0.3732, 0.2775



67.9408, 0.3645, 0.4187



13.1497, 0.3221, 0.3184



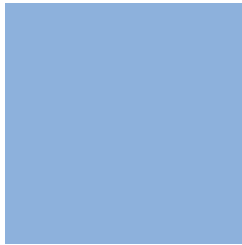
9.4943, 0.5137, 0.2603



0.6323, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 42.2743, 0.2545, 0.2715 looks on a white background.

Color Contrast Check

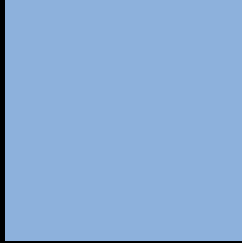
Large Text (above 18pt) WCAG AA × Fail

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 42.2743, 0.2545, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

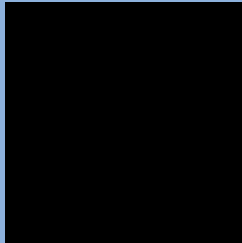
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

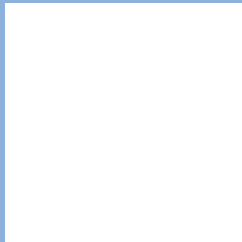
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2743, 0.2545, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 42.2743, 0.2545, 0.2715.



This preview shows how white text looks on a background with the Yxy color 42.2743, 0.2545, 0.2715.

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

42.2743, 0.2545, 0.2715

Protanopia

42.2494, 0.2719, 0.2719

Deuteranopia

41.9692, 0.2698, 0.2637



Tritanopia

42.1842, 0.2661, 0.3077

Trichromacy



Original Color

42.2743, 0.2545, 0.2715

Protanomaly

42.2504, 0.2656, 0.2725

Deuteranomaly

42.1755, 0.2636, 0.2665

Tritanomaly

42.3687, 0.2616, 0.2943

Monochromacy



Original Color

42.2743, 0.2545, 0.2715

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.0348, 0.2889, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2743, 0.2545, 0.2715 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, 177, 220)` looks like.

```
.text, #text, p{  
    color:rgb(141, 177, 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(141, 177, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 177, 220) }
```

Border

The CSS property to change the border of an element to Yxy 42.2743, 0.2545, 0.2715 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, 177, 220) }
```

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

```
.border{ border-color:rgb(141, 177, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 177, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 177, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 177, 220);  
box-shadow:4px 4px 4px 4px rgb(141, 177,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2743, 0.2545, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 177, 220) }
```

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

```
.background{ background-color: rgb(141,  
177, 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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