

Converting Colors

$Y_{xy}(44.1015, 0.2557, 0.2708)$

Have a look what the booklet for
Yxy(44.1015, 0.2557, 0.2708)
contains.

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Color

Yxy(44.1353, 0.2560, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	92B4E0
RGB	146, 180, 224
RGB Percent	57%, 71%, 88%
CMY	0.4274, 0.2941, 0.1215
CMYK	0.35, 0.20, 0.00, 0.12
HSL	214°, 56%, 73%
HSV	214°, 35%, 88%
XYZ	41.6309, 44.1353, 76.8546
YIQ	174.8500, -34.3880, 6.4760

Conversions

Conversions Part 2

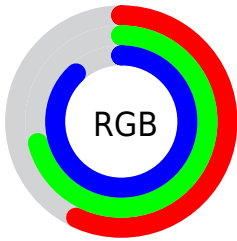
Format	Color
R_{YB}	146, 170, 224
Decimal	9614560
CIE _{Lab}	72.32, -0.97, -25.80
CIE _{LCh}	72, 25.818, 267.857
Yxy	44.1353, 0.2560, 0.2714
Android (android.graphics.Color)	4287804640 (0xFF92B4E0)
YUV	174.8500, 24.2310, -25.3014
Hunter-Lab	66.4344, -4.4037, -22.0855

Details

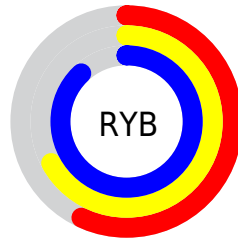
The Yxy color **44.1353, 0.2560, 0.2714** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.7574, 0.3774, 0.3802**, and the grayscale version is **42.6751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7675, 0.2802, 0.3087**, and **20.3186, 0.2398, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **37.4089, 0.2391, 0.2513**, and if you desaturate by 10%, it is **51.7326, 0.2729, 0.2900**.

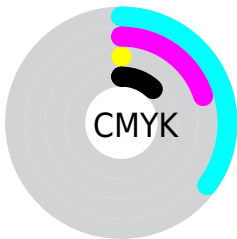
Distribution



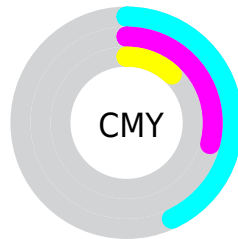
- Red (57%)
- Green (71%)
- Blue (88%)



- Red (57%)
- Yellow (67%)
- Blue (88%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (43%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1353, 0.2560, 0.2714 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 44.1353, 0.2560, 0.2714 by changing the saturation by 10% instead.

■ 44.1353, 0.2560,
0.2714

■ 44.1353, 0.2560,
0.2714

363.2601, 0.2841,
0.3000

■ 30.7769, 0.2492,
0.2644

■ 81.4213, 0.2661,
0.2817

■ 20.4290, 0.2405,
0.2555

■ 106.1177, 0.2699,
0.2856

■ 12.7073, 0.2292,
0.2439

135.3622, 0.2732,
0.2889

■ 7.2273, 0.2138,
0.2281

169.5392, 0.2759,
0.2917

■ 3.6046, 0.1921,
0.2057

209.0331, 0.2784,
0.2942

■ 1.4550, 0.1596,
0.1719

254.2283, 0.2805,

■ 0.2567, 0.0723,

0.2964

0.0842

305.5091, 0.2824,
0.2983

0.0000, 0.0000,
0.0000

44.1353, 0.2560,
0.2714

44.1353, 0.2560,
0.2714

37.4089, 0.2391,
0.2513

51.7326, 0.2729,
0.2900

31.5123, 0.2227,
0.2300

60.2293, 0.2895,
0.3070

26.4083, 0.2075,
0.2079

69.6587, 0.3054,
0.3223

22.0541, 0.1940,
0.1859

80.0507, 0.3204,
0.3358

18.4013, 0.1829,
0.1645

90.8588, 0.3324,
0.3479

■ 15.3935, 0.1744,
0.1446

■ 98.1626, 0.3309,
0.3591

■ 14.0495, 0.1708,
0.1349

Harmonies

Analogous

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



44.1353, 0.2446, 0.2874



44.1353, 0.2560, 0.2714



44.1353, 0.2821, 0.2703

Triad

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



44.1353, 0.2560, 0.2714



44.1353, 0.3796, 0.3354



44.1353, 0.3043, 0.3823

Complementary

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



44.1353, 0.2560, 0.2714



54.7574, 0.3774, 0.3802

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.



44.1353, 0.3408, 0.3950



44.1353, 0.2560, 0.2714



44.1353, 0.3857, 0.3648

Square

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



44.1353, 0.2560, 0.2714



44.1353, 0.3542, 0.3061



44.1353, 0.3710, 0.3874



44.1353, 0.2713, 0.3523

Rectangle

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



44.1353, 0.2560, 0.2714



44.1353, 0.3054, 0.2774



44.1353, 0.3710, 0.3874



44.1353, 0.3165, 0.3888

Sweetspot

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



44.1370, 0.2560, 0.2714



86.6426, 0.2971, 0.3145



63.0998, 0.2829, 0.3744



18.1656, 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.



44.1370, 0.2560, 0.2714



52.3480, 0.2433, 0.2565



32.4155, 0.2528, 0.2258



14.2212, 0.2981, 0.3154



8.3965, 0.1716, 0.1377



0.7578, 0.1799, 0.1677

Inverse Universe

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



39.7030, 0.3590, 0.2894



46.3295, 0.3734, 0.2807



70.6272, 0.3620, 0.4164



13.7993, 0.3224, 0.3188



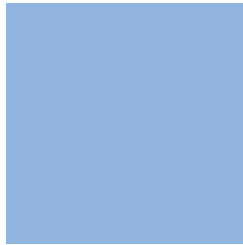
9.7557, 0.5222, 0.2650



0.6940, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 44.1353, 0.2560, 0.2714 looks on a white background.

Color Contrast Check

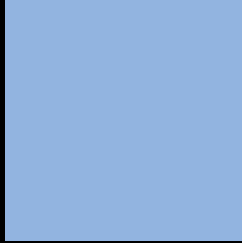
Large Text (above 18pt) WCAG AA × Fail

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 44.1353, 0.2560, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

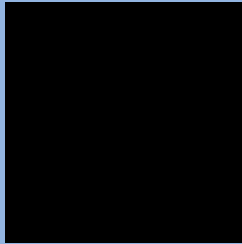
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

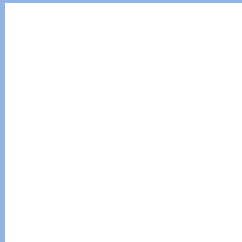
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1353, 0.2560, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 44.1353, 0.2560, 0.2714.



This preview shows how white text looks on a background with the Yxy color 44.1353, 0.2560, 0.2714.

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

44.1353, 0.2560, 0.2714

Protanopia

43.9874, 0.2711, 0.2704

Deuteranopia

44.1434, 0.2706, 0.2649



Tritanopia

43.9799, 0.2681, 0.3081

Trichromacy



Original Color

44.1353, 0.2560, 0.2714

Protanomaly

44.0891, 0.2657, 0.2711

Deuteranomaly

44.0640, 0.2650, 0.2666

Tritanomaly

44.1718, 0.2636, 0.2949

Monochromacy



Original Color

44.1353, 0.2560, 0.2714

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1870, 0.2894, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1353, 0.2560, 0.2714 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(146, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(146, 180, 224)  
}
```

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(146, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 180, 224) }
```

Border

The CSS property to change the border of an element to Yxy 44.1353, 0.2560, 0.2714 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(146, 180, 224) }
```

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

```
.border{ border-color:rgb(146, 180, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 180, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(146, 180,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1353, 0.2560, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 180, 224) }
```

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

```
.background{ background-color: rgb(146,  
180, 224) }
```

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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