

Converting Colors

$Yxy(44.5086, 0.2528, 0.2614)$

Have a look what the booklet for
Yxy(44.5086, 0.2528, 0.2614)
contains.

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Color

Yxy(44.3623, 0.2525, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	94B3E8
RGB	148, 179, 232
RGB Percent	58%, 70%, 91%
CMY	0.4195, 0.2980, 0.0902
CMYK	0.36, 0.23, 0.00, 0.09
HSL	218°, 65%, 75%
HSV	218°, 36%, 91%
XYZ	42.9011, 44.3623, 82.6420
YIQ	175.7730, -35.4890, 9.9110

Conversions

Conversions Part 2

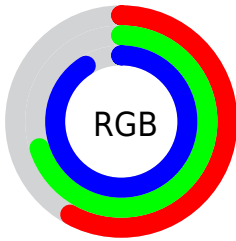
Format	Color
R_{YB}	148, 171, 232
Decimal	9745384
CIE _{Lab}	72.47, 2.21, -29.90
CIE _{LCh}	72, 29.983, 274.220
Yxy	44.3623, 0.2525, 0.2611
Android (android.graphics.Color)	4287935464 (0xFF94B3E8)
YUV	175.7730, 27.7199, -24.3569
Hunter-Lab	66.6050, -1.5848, -26.9421

Details

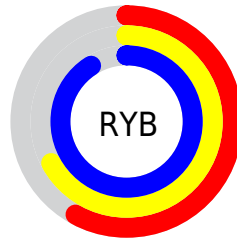
The Yxy color **44.3623, 0.2525, 0.2611** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.0799, 0.3784, 0.3884**, and the grayscale version is **43.1619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4740, 0.2814, 0.3077**, and **20.4360, 0.2362, 0.2424** is the 20% darker color. If you saturate the color by 10%, you get **36.8513, 0.2348, 0.2382**, and if you desaturate by 10%, it is **52.9336, 0.2701, 0.2824**.

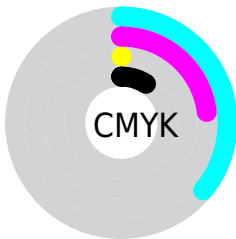
Distribution



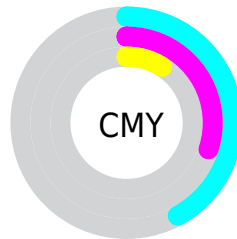
- Red (58%)
- Green (70%)
- Blue (91%)



- Red (58%)
- Yellow (67%)
- Blue (91%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3623, 0.2525, 0.2611 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 44.3623, 0.2525, 0.2611 by changing the saturation by 10% instead.

■ 44.3623, 0.2525,
0.2611

■ 44.3623, 0.2525,
0.2611

364.1847, 0.2822,
0.2944

■ 30.9554, 0.2453,
0.2531

■ 81.7626, 0.2632,
0.2730

■ 20.5649, 0.2362,
0.2430

■ 106.5249, 0.2672,
0.2775

■ 12.8063, 0.2243,
0.2299

135.8411, 0.2707,
0.2814

■ 7.2953, 0.2084,
0.2125

170.0956, 0.2736,
0.2847

■ 3.6475, 0.1861,
0.1882

209.6728, 0.2762,
0.2876

■ 1.4784, 0.1533,
0.1529

254.9571, 0.2785,

■ 0.2734, 0.0828,

0.2901

0.0721

306.3330, 0.2805,
0.2924

0.0000, 0.0000,
0.0000

44.3623, 0.2525,
0.2611

44.3623, 0.2525,
0.2611

36.8513, 0.2348,
0.2382

52.9336, 0.2701,
0.2824

30.3501, 0.2177,
0.2141

62.6024, 0.2871,
0.3018

24.8112, 0.2017,
0.1894

73.4104, 0.3032,
0.3192

20.1805, 0.1877,
0.1652

85.3953, 0.3183,
0.3347

16.3970, 0.1763,
0.1424

96.8406, 0.3265,
0.3486

■ 13.3892, 0.1679,
0.1220

■ 98.6060, 0.3262,
0.3513

■ 12.4126, 0.1653,
0.1149

Harmonies

Analogous

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



44.3623, 0.2358, 0.2754



44.3623, 0.2525, 0.2611



44.3623, 0.2853, 0.2636

Triad

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



44.3623, 0.2525, 0.2611



44.3623, 0.3940, 0.3431



44.3623, 0.2938, 0.3853

Complementary

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



44.3623, 0.2525, 0.2611



61.0799, 0.3784, 0.3884

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.



44.3623, 0.3361, 0.4050



44.3623, 0.2525, 0.2611



44.3623, 0.3955, 0.3762

Square

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



44.3623, 0.2525, 0.2611



44.3623, 0.3686, 0.3092



44.3623, 0.3736, 0.4000



44.3623, 0.2583, 0.3471

Rectangle

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



44.3623, 0.2525, 0.2611



44.3623, 0.3132, 0.2737



44.3623, 0.3736, 0.4000



44.3623, 0.3077, 0.3945

Sweetspot

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



44.3640, 0.2525, 0.2611



84.2825, 0.2955, 0.3110



68.1708, 0.2788, 0.3693



17.6515, 0.2933, 0.3086



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.



44.3640, 0.2525, 0.2611



48.3018, 0.2401, 0.2451



34.2661, 0.2541, 0.2220



14.7534, 0.2981, 0.3138



7.1118, 0.1661, 0.1178



0.6984, 0.1742, 0.1471

Inverse Universe

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



41.5985, 0.3674, 0.2939



45.1543, 0.3831, 0.2871



75.4113, 0.3597, 0.4213



14.4555, 0.3235, 0.3204



9.9156, 0.5497, 0.2802



0.7502, 0.5097, 0.2582

Previews

White Background



This preview shows how the Yxy color 44.3623, 0.2525, 0.2611 looks on a white background.

Color Contrast Check

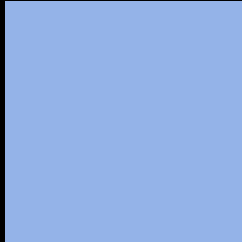
Large Text (above 18pt) WCAG AA × Fail

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 44.3623, 0.2525, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

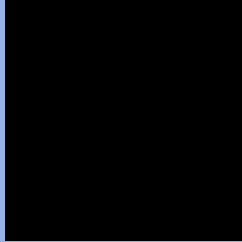
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

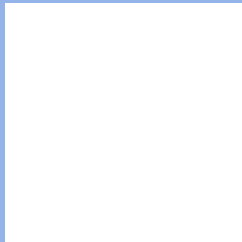
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3623, 0.2525, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 44.3623, 0.2525, 0.2611.



This preview shows how white text looks on a background with the Yxy color 44.3623, 0.2525, 0.2611.

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

44.3623, 0.2525, 0.2611

Protanopia

44.1036, 0.2638, 0.2610

Deuteranopia

44.0478, 0.2619, 0.2555



Tritanopia

44.4435, 0.2676, 0.3082

Trichromacy



Original Color

44.3623, 0.2525, 0.2611

Protanomaly

44.0329, 0.2598, 0.2606

Deuteranomaly

44.2030, 0.2580, 0.2573

Tritanomaly

44.4601, 0.2618, 0.2899

Monochromacy



Original Color

44.3623, 0.2525, 0.2611

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5368, 0.2888, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3623, 0.2525, 0.2611 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(148, 179, 232)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 232)  
}
```

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(148, 179, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 232) }
```

Border

The CSS property to change the border of an element to Yxy 44.3623, 0.2525, 0.2611 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(148, 179, 232) }
```

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

```
.border{ border-color:rgb(148, 179, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 179, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 232);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3623, 0.2525, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 232) }
```

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

```
.background{ background-color: rgb(148,  
179, 232) }
```

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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