

Converting Colors

$Yxy(43.6643, 0.2492, 0.2703)$

Have a look what the booklet for
Yxy(43.6643, 0.2492, 0.2703)
contains.

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Color

Yxy(43.7182, 0.2493, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	88B5E1
RGB	136, 181, 225
RGB Percent	53%, 71%, 88%
CMY	0.4664, 0.2902, 0.1176
CMYK	0.40, 0.20, 0.00, 0.12
HSL	210°, 60%, 71%
HSV	210°, 40%, 88%
XYZ	40.2770, 43.7182, 77.5651
YIQ	172.5610, -40.9440, 4.1440

Conversions

Conversions Part 2

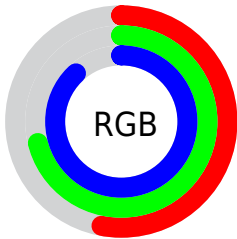
Format	Color
R _Y B	136, 166, 225
Decimal	8959457
CIE Lab	72.04, -3.92, -26.83
CIE LCh	72, 27.114, 261.678
Yxy	43.7182, 0.2493, 0.2706
Android (android.graphics.Color)	4287149537 (0xFF88B5E1)
YUV	172.5610, 25.8524, -32.0640
Hunter-Lab	66.1197, -6.9759, -23.2693

Details

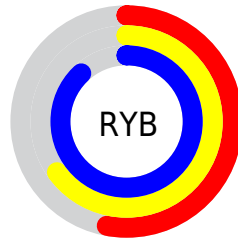
The Yxy color **43.7182, 0.2493, 0.2706** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.4711, 0.3909, 0.3805**, and the grayscale version is **41.4429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9948, 0.2745, 0.3095**, and **20.1345, 0.2320, 0.2532** is the 20% darker color. If you saturate the color by 10%, you get **37.6788, 0.2334, 0.2526**, and if you desaturate by 10%, it is **50.5187, 0.2656, 0.2875**.

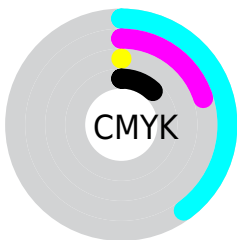
Distribution



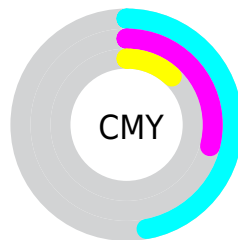
- Red (53%)
- Green (71%)
- Blue (88%)



- Red (53%)
- Yellow (65%)
- Blue (88%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7182, 0.2493, 0.2706 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 43.7182, 0.2493, 0.2706 by changing the saturation by 10% instead.

■ 43.7182, 0.2493,
0.2706

■ 43.7182, 0.2493,
0.2706

■ 361.5571, 0.2806,
0.2998

■ 30.4490, 0.2417,
0.2634

■ 80.7935, 0.2605,
0.2811

■ 20.1797, 0.2321,
0.2543

■ 105.3685, 0.2648,
0.2851

■ 12.5257, 0.2196,
0.2423

■ 134.4808, 0.2684,
0.2885

■ 7.1028, 0.2029,
0.2260

■ 168.5149, 0.2715,
0.2914

■ 3.5265, 0.1793,
0.2028

■ 207.8552, 0.2742,
0.2939

■ 1.4124, 0.1446,
0.1679

■ 252.8861, 0.2766,

■ 0.2258, 0.0397,

0.2961

0.0755

303.9919, 0.2787,
0.2980

0.0000, 0.0000,
0.0000

43.7182, 0.2493,
0.2706

43.7182, 0.2493,
0.2706

37.6788, 0.2334,
0.2526

50.5187, 0.2656,
0.2875

32.3620, 0.2185,
0.2336

58.1061, 0.2820,
0.3029

27.7330, 0.2050,
0.2142

66.5110, 0.2980,
0.3170

23.7510, 0.1935,
0.1948

75.7607, 0.3134,
0.3296

20.3691, 0.1843,
0.1760

85.8811, 0.3281,
0.3407

■ 17.5151, 0.1774,
0.1581

■ 93.7197, 0.3312,
0.3513

■ 17.3915, 0.1770,
0.1573

■ 98.2175, 0.3303,
0.3581

Harmonies

Analogous

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



43.7182, 0.2409, 0.2904



43.7182, 0.2493, 0.2706



43.7182, 0.2738, 0.2664

Triad

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



43.7182, 0.2493, 0.2706



43.7182, 0.3792, 0.3290



43.7182, 0.3117, 0.3899

Complementary

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



43.7182, 0.2493, 0.2706



50.4711, 0.3909, 0.3805

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.



43.7182, 0.3496, 0.3986



43.7182, 0.2493, 0.2706



43.7182, 0.3901, 0.3604

Square

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



43.7182, 0.2493, 0.2706



43.7182, 0.3491, 0.2992



43.7182, 0.3788, 0.3864



43.7182, 0.2754, 0.3611

Rectangle

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



43.7182, 0.2493, 0.2706



43.7182, 0.2970, 0.2719



43.7182, 0.3788, 0.3864



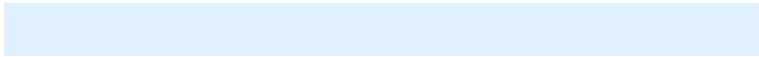
43.7182, 0.3246, 0.3953

Sweetspot

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



43.7199, 0.2493, 0.2706



85.3654, 0.2939, 0.3135



62.3589, 0.2829, 0.3899



17.9519, 0.2919, 0.3117



0.0000, 0.0000, 0.0000



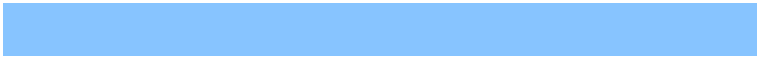
21.4041, 0.3127, 0.3290

Same Dimension

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



43.7199, 0.2493, 0.2706



51.7178, 0.2369, 0.2566



28.7229, 0.2400, 0.2103



14.3817, 0.2981, 0.3171



10.2540, 0.1778, 0.1600



0.8899, 0.1855, 0.1877

Inverse Universe

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



36.9723, 0.3612, 0.2770



42.6007, 0.3751, 0.2670



70.8547, 0.3723, 0.4253



13.8155, 0.3213, 0.3172



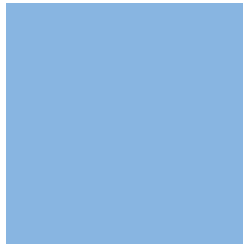
9.9432, 0.4931, 0.2490



0.7073, 0.4594, 0.2304

Previews

White Background



This preview shows how the Yxy color 43.7182, 0.2493, 0.2706 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 43.7182, 0.2493, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

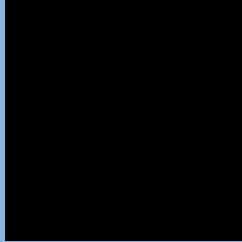
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

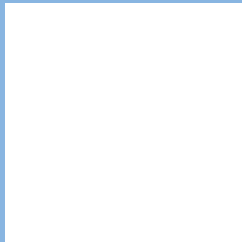
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7182, 0.2493, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 43.7182, 0.2493, 0.2706.



This preview shows how white text looks on a background with the Yxy color 43.7182, 0.2493, 0.2706.

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

43.7182, 0.2493, 0.2706

Protanopia

43.4387, 0.2710, 0.2701

Deuteranopia

43.5402, 0.2670, 0.2610



Tritanopia

43.6139, 0.2610, 0.3078

Trichromacy



Original Color

43.7182, 0.2493, 0.2706

Protanomaly

43.5882, 0.2621, 0.2705

Deuteranomaly

43.5102, 0.2602, 0.2647

Tritanomaly

43.7900, 0.2566, 0.2945

Monochromacy



Original Color

43.7182, 0.2493, 0.2706

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3300, 0.2869, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7182, 0.2493, 0.2706 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(136, 181, 225)` looks like.

```
.text, #text, p{  
    color:rgb(136, 181, 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(136, 181, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 181, 225) }
```

Border

The CSS property to change the border of an element to Yxy 43.7182, 0.2493, 0.2706 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(136, 181, 225) }
```

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

```
.border{ border-color:rgb(136, 181, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 181, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 181, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 181, 225);  
box-shadow:4px 4px 4px 4px rgb(136, 181,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7182, 0.2493, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 181, 225) }
```

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

```
.background{ background-color: rgb(136,  
181, 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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