

Converting Colors

$Yxy(44.0581, 0.2410, 0.2657)$

Have a look what the booklet for
Yxy(44.0581, 0.2410, 0.2657)
contains.

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Color

Yxy(44.0721, 0.2407, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	7EB7E7
RGB	126, 183, 231
RGB Percent	49%, 72%, 91%
CMY	0.5056, 0.2824, 0.0940
CMYK	0.45, 0.21, 0.00, 0.09
HSL	207°, 69%, 70%
HSV	207°, 45%, 91%
XYZ	39.9704, 44.0721, 82.0166
YIQ	171.4290, -49.3800, 2.8440

Conversions

Conversions Part 2

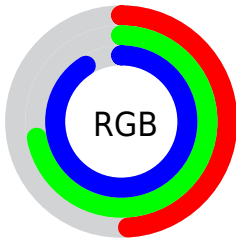
Format	Color
R _Y B	126, 163, 231
Decimal	8304615
CIE Lab	72.28, -5.90, -29.77
CIE LCh	72, 30.352, 258.790
Yxy	44.0721, 0.2407, 0.2654
Android (android.graphics.Color)	4286494695 (0xFF7EB7E7)
YUV	171.4290, 29.3685, -39.8412
Hunter-Lab	66.3868, -8.7050, -26.7782

Details

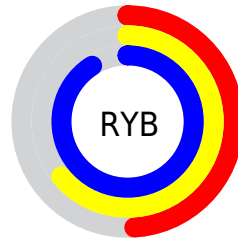
The Yxy color **44.0721, 0.2407, 0.2654** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.8106, 0.4081, 0.3839**, and the grayscale version is **40.8274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0203, 0.2698, 0.3114**, and **20.3256, 0.2216, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **38.3159, 0.2258, 0.2483**, and if you desaturate by 10%, it is **50.5648, 0.2564, 0.2816**.

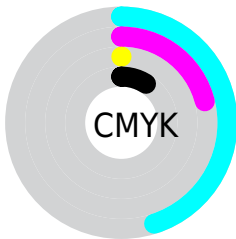
Distribution



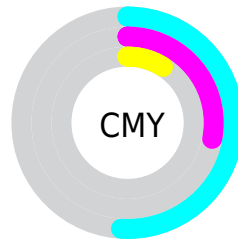
- Red (49%)
- Green (72%)
- Blue (91%)



- Red (49%)
- Yellow (64%)
- Blue (91%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0721, 0.2407, 0.2654 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 44.0721, 0.2407, 0.2654 by changing the saturation by 10% instead.

■ 44.0721, 0.2407,
0.2654

■ 44.0721, 0.2407,
0.2654

■ 363.0024, 0.2760,
0.2971

■ 30.7272, 0.2322,
0.2576

■ 81.3262, 0.2533,
0.2768

■ 20.3912, 0.2216,
0.2478

■ 106.0042, 0.2581,
0.2812

■ 12.6797, 0.2079,
0.2349

■ 135.2287, 0.2622,
0.2848

■ 7.2084, 0.1897,
0.2175

■ 169.3841, 0.2657,
0.2880

■ 3.5928, 0.1645,
0.1931

■ 208.8548, 0.2687,
0.2907

■ 1.4485, 0.1286,
0.1570

■ 254.0251, 0.2714,

■ 0.2520, 0.0274,

0.2931

0.0724

305.2795, 0.2738,
0.2952

0.0000, 0.0000,
0.0000

44.0721, 0.2407,
0.2654

44.0721, 0.2407,
0.2654

38.3159, 0.2258,
0.2483

50.5648, 0.2564,
0.2816

33.2558, 0.2122,
0.2305

57.8215, 0.2725,
0.2966

28.8541, 0.2003,
0.2124

65.8741, 0.2886,
0.3104

25.0660, 0.1907,
0.1946

74.7509, 0.3044,
0.3228

21.8377, 0.1833,
0.1775

84.4787, 0.3196,
0.3339

■ 20.5130, 0.1805,
0.1699

■ 93.2008, 0.3276,
0.3441

■ 98.5507, 0.3268,
0.3522

Harmonies

Analogous

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



44.0721, 0.2333, 0.2886



44.0721, 0.2407, 0.2654



44.0721, 0.2661, 0.2594

Triad

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



44.0721, 0.2407, 0.2654



44.0721, 0.3846, 0.3252



44.0721, 0.3154, 0.3995

Complementary

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



44.0721, 0.2407, 0.2654



48.8106, 0.4081, 0.3839

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.



44.0721, 0.3573, 0.4065



44.0721, 0.2407, 0.2654



44.0721, 0.3991, 0.3601

Square

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



44.0721, 0.2407, 0.2654



44.0721, 0.3492, 0.2931



44.0721, 0.3885, 0.3903



44.0721, 0.2745, 0.3688

Rectangle

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



44.0721, 0.2407, 0.2654



44.0721, 0.2911, 0.2646



44.0721, 0.3885, 0.3903



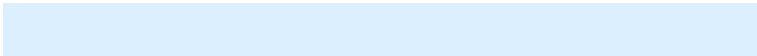
44.0721, 0.3298, 0.4047

Sweetspot

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



44.0738, 0.2407, 0.2654



83.8620, 0.2908, 0.3121



64.6331, 0.2812, 0.4060



17.4571, 0.2873, 0.3093



0.0000, 0.0000, 0.0000



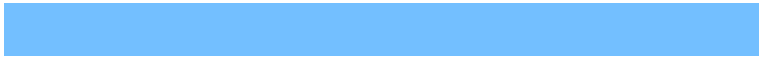
21.4041, 0.3127, 0.3290

Same Dimension

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



44.0738, 0.2407, 0.2654



48.0290, 0.2260, 0.2485



26.5282, 0.2280, 0.1939



15.1759, 0.2981, 0.3180



11.7489, 0.1813, 0.1725



1.0535, 0.1881, 0.1973

Inverse Universe

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



35.3494, 0.3673, 0.2651



37.2180, 0.3850, 0.2526



72.7704, 0.3823, 0.4355



14.4981, 0.3208, 0.3163



10.3838, 0.4775, 0.2404



0.7860, 0.4484, 0.2244

Previews

White Background



This preview shows how the Yxy color 44.0721, 0.2407, 0.2654 looks on a white background.

Color Contrast Check

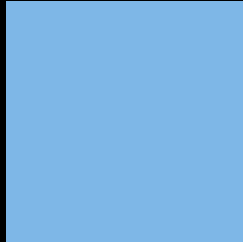
Large Text (above 18pt) WCAG AA × Fail

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 44.0721, 0.2407, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

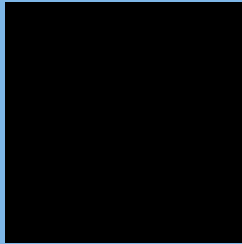
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

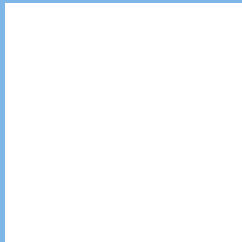
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0721, 0.2407, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 44.0721, 0.2407, 0.2654.



This preview shows how white text looks on a background with the Yxy color 44.0721, 0.2407, 0.2654.

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

44.0721, 0.2407, 0.2654

Protanopia

43.9887, 0.2671, 0.2656

Deuteranopia

43.9418, 0.2612, 0.2553



Tritanopia

44.1298, 0.2526, 0.3076

Trichromacy



Original Color

44.0721, 0.2407, 0.2654

Protanomaly

43.8709, 0.2565, 0.2657

Deuteranomaly

43.7545, 0.2534, 0.2587

Tritanomaly

43.9869, 0.2482, 0.2915

Monochromacy



Original Color

44.0721, 0.2407, 0.2654

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4788, 0.2821, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0721, 0.2407, 0.2654 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(126, 183, 231)` looks like.

```
.text, #text, p{  
    color:rgb(126, 183, 231)  
}
```

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(126, 183, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 183, 231) }
```

Border

The CSS property to change the border of an element to Yxy 44.0721, 0.2407, 0.2654 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(126, 183, 231) }
```

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

```
.border{ border-color:rgb(126, 183, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 183, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 183, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 183, 231);  
box-shadow:4px 4px 4px 4px rgb(126, 183,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0721, 0.2407, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 183, 231) }
```

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

```
.background{ background-color: rgb(126,  
183, 231) }
```

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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