

Converting Colors

$Yxy(43.4633, 0.2404, 0.2635)$

Have a look what the booklet for
Yxy(43.4633, 0.2404, 0.2635)
contains.

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Color

Yxy(43.6610, 0.2404, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	7EB6E7
RGB	126, 182, 231
RGB Percent	49%, 71%, 91%
CMY	0.5062, 0.2862, 0.0942
CMYK	0.45, 0.21, 0.00, 0.09
HSL	208°, 69%, 70%
HSV	208°, 45%, 91%
XYZ	39.7429, 43.6610, 81.9160
YIQ	170.8420, -49.1050, 3.3670

Conversions

Conversions Part 2

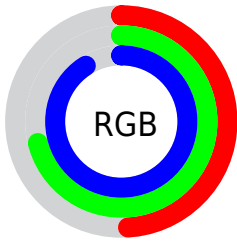
Format	Color
R _Y B	126, 163, 231
Decimal	8304359
CIE Lab	72.00, -5.43, -30.17
CIE LCh	72, 30.658, 259.805
Yxy	43.6610, 0.2404, 0.2641
Android (android.graphics.Color)	4286494439 (0xFF7EB6E7)
YUV	170.8420, 29.6579, -39.3264
Hunter-Lab	66.0765, -8.2717, -27.2492

Details

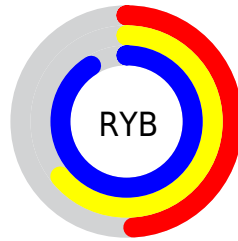
The Yxy color **43.6610, 0.2404, 0.2641** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.0962, 0.4078, 0.3849**, and the grayscale version is **40.4997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4364, 0.2697, 0.3103**, and **20.0609, 0.2212, 0.2459** is the 20% darker color. If you saturate the color by 10%, you get **37.8656, 0.2254, 0.2466**, and if you desaturate by 10%, it is **50.2037, 0.2562, 0.2806**.

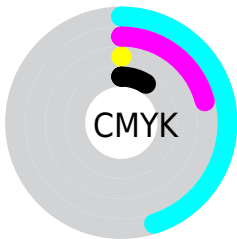
Distribution



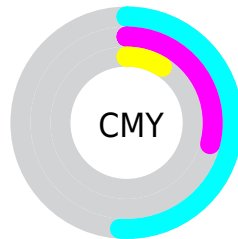
- Red (49%)
- Green (71%)
- Blue (91%)



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



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



- Cyan (51%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6610, 0.2404, 0.2641 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 43.6610, 0.2404, 0.2641 by changing the saturation by 10% instead.

■ 43.6610, 0.2404,
0.2641

■ 43.6610, 0.2404,
0.2641

■ 361.3231, 0.2758,
0.2965

■ 30.4041, 0.2319,
0.2562

■ 80.7074, 0.2531,
0.2758

■ 20.1455, 0.2212,
0.2461

■ 105.2657, 0.2579,
0.2802

■ 12.5009, 0.2074,
0.2330

■ 134.3598, 0.2620,
0.2839

■ 7.0857, 0.1890,
0.2153

■ 168.3743, 0.2655,
0.2871

■ 3.5158, 0.1636,
0.1904

■ 207.6935, 0.2686,
0.2899

■ 1.4066, 0.1274,
0.1538

■ 252.7017, 0.2713,

■ 0.2216, 0.0228,

0.2924

0.0648

303.7835, 0.2737,
0.2945

0.0000, 0.0000,
0.0000

43.6610, 0.2404,
0.2641

43.6610, 0.2404,
0.2641

37.8656, 0.2254,
0.2466

50.2037, 0.2562,
0.2806

32.7766, 0.2117,
0.2285

57.5218, 0.2724,
0.2960

28.3560, 0.1997,
0.2101

65.6473, 0.2885,
0.3100

24.5585, 0.1899,
0.1920

74.6091, 0.3043,
0.3226

21.3298, 0.1825,
0.1746

84.4341, 0.3195,
0.3339

■ 20.0231, 0.1797,
0.1670

■ 93.3022, 0.3277,
0.3443

■ 98.5482, 0.3268,
0.3523

Harmonies

Analogous

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



43.6610, 0.2323, 0.2870



43.6610, 0.2404, 0.2641



43.6610, 0.2666, 0.2587

Triad

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



43.6610, 0.2404, 0.2641



43.6610, 0.3864, 0.3263



43.6610, 0.3139, 0.3998

Complementary

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



43.6610, 0.2404, 0.2641



49.0962, 0.4078, 0.3849

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.



43.6610, 0.3565, 0.4077



43.6610, 0.2404, 0.2641



43.6610, 0.4003, 0.3616

Square

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



43.6610, 0.2404, 0.2641



43.6610, 0.3511, 0.2936



43.6610, 0.3887, 0.3919



43.6610, 0.2728, 0.3680

Rectangle

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



43.6610, 0.2404, 0.2641



43.6610, 0.2922, 0.2642



43.6610, 0.3887, 0.3919



43.6610, 0.3285, 0.4054

Sweetspot

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



43.6626, 0.2404, 0.2641



83.6893, 0.2908, 0.3118



64.5922, 0.2812, 0.4061



17.4151, 0.2873, 0.3090



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.



43.6626, 0.2404, 0.2641



47.5249, 0.2257, 0.2470



26.4738, 0.2279, 0.1937



15.1555, 0.2981, 0.3178



11.4788, 0.1805, 0.1697



1.0338, 0.1874, 0.1948

Inverse Universe

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



35.2624, 0.3683, 0.2659



37.1671, 0.3864, 0.2537



72.7316, 0.3823, 0.4357



14.4960, 0.3209, 0.3165



10.3565, 0.4810, 0.2424



0.7840, 0.4512, 0.2259

Previews

White Background



This preview shows how the Yxy color 43.6610, 0.2404, 0.2641 looks on a white background.

Color Contrast Check

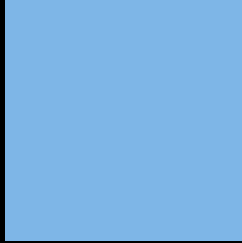
Large Text (above 18pt) WCAG AA × Fail

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 43.6610, 0.2404, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

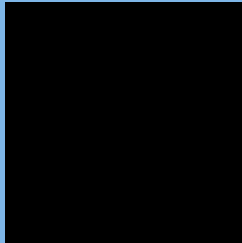
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6610, 0.2404, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 43.6610, 0.2404, 0.2641.



This preview shows how white text looks on a background with the Yxy color 43.6610, 0.2404, 0.2641.

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

43.6610, 0.2404, 0.2641

Protanopia

43.4949, 0.2662, 0.2642

Deuteranopia

43.4517, 0.2603, 0.2539



Tritanopia

43.5868, 0.2523, 0.3075

Trichromacy



Original Color

43.6610, 0.2404, 0.2641

Protanomaly

43.4744, 0.2564, 0.2643

Deuteranomaly

43.2664, 0.2526, 0.2572

Tritanomaly

43.4951, 0.2474, 0.2900

Monochromacy



Original Color

43.6610, 0.2404, 0.2641

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 43.6610, 0.2404, 0.2641 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, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 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, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 231) }
```

Border

The CSS property to change the border of an element to Yxy 43.6610, 0.2404, 0.2641 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, 182, 231) }
```

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

```
.border{ border-color:rgb(126, 182, 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, 182, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(126, 182,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6610, 0.2404, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 231) }
```

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

```
.background{ background-color: rgb(126,  
182, 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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