

Converting Colors

$Yxy(43.5871, 0.2487, 0.2799)$

Have a look what the booklet for
Yxy(43.5871, 0.2487, 0.2799)
contains.

Yxy(43.6486, 0.2488, 0.2801)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.6486, 0.2488, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	81B7DB
RGB	129, 183, 219
RGB Percent	51%, 72%, 86%
CMY	0.4942, 0.2823, 0.1411
CMYK	0.41, 0.16, 0.00, 0.14
HSL	204°, 56%, 68%
HSV	204°, 41%, 86%
XYZ	38.7711, 43.6486, 73.4126
YIQ	170.9580, -43.7400, -0.2520

Conversions

Conversions Part 2

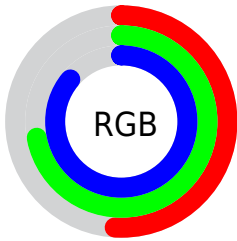
Format	Color
RYB	129, 163, 219
Decimal	8501211
CIELab	71.99, -8.46, -23.66
CIELCh	72, 25.130, 250.320
Yxy	43.6486, 0.2488, 0.2801
Android (android.graphics.Color)	4286691291 (0xFF81B7DB)
YUV	170.9580, 23.6847, -36.7972
Hunter-Lab	66.0671, -10.8658, -19.6350

Details

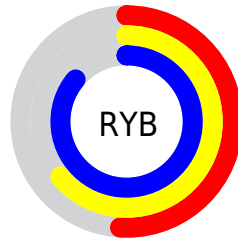
The Yxy color **43.6486, 0.2488, 0.2801** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **43.5512, 0.3989, 0.3726**, and the grayscale version is **40.5960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2673, 0.2709, 0.3115**, and **20.1014, 0.2313, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **38.6137, 0.2342, 0.2657**, and if you desaturate by 10%, it is **49.2793, 0.2641, 0.2937**.

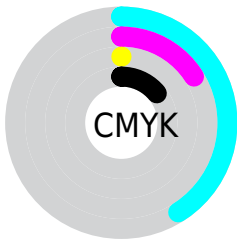
Distribution



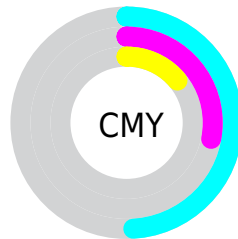
- Red (51%)
- Green (72%)
- Blue (86%)



- Red (51%)
- Yellow (64%)
- Blue (86%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6486, 0.2488, 0.2801 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 43.6486, 0.2488, 0.2801 by changing the saturation by 10% instead.

■ 43.6486, 0.2488,
0.2801

■ 43.6486, 0.2488,
0.2801

■ 361.2724, 0.2803,
0.3049

■ 30.3943, 0.2411,
0.2739

■ 80.6887, 0.2601,
0.2891

■ 20.1381, 0.2315,
0.2659

■ 105.2434, 0.2644,
0.2925

■ 12.4955, 0.2189,
0.2553

■ 134.3336, 0.2680,
0.2954

■ 7.0821, 0.2019,
0.2407

■ 168.3438, 0.2712,
0.2978

■ 3.5135, 0.1779,
0.2194

■ 207.6584, 0.2739,
0.3000

■ 1.4053, 0.1424,
0.1863

■ 252.6618, 0.2763,

■ 0.2206, 0.0013,

0.3018

0.0901

303.7383, 0.2784,
0.3034

0.0000, 0.0000,
0.0000

43.6486, 0.2488,
0.2801

43.6486, 0.2488,
0.2801

38.6137, 0.2342,
0.2657

49.2793, 0.2641,
0.2937

34.1417, 0.2208,
0.2505

55.5263, 0.2798,
0.3062

30.2038, 0.2091,
0.2350

62.4150, 0.2956,
0.3176

26.7653, 0.1992,
0.2194

69.9678, 0.3110,
0.3279

23.7855, 0.1916,
0.2041

78.2059, 0.3260,
0.3371

■ 21.4640, 0.1863,
0.1908

■ 86.1141, 0.3366,
0.3455

■ 91.2698, 0.3354,
0.3540

■ 96.6761, 0.3342,
0.3623

■ 97.8955, 0.3339,
0.3641

Harmonies

Analogous

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



43.6486, 0.2472, 0.3038



43.6486, 0.2488, 0.2801



43.6486, 0.2663, 0.2705

Triad

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



43.6486, 0.2488, 0.2801



43.6486, 0.3654, 0.3181



43.6486, 0.3256, 0.3907

Complementary

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



43.6486, 0.2488, 0.2801



43.5512, 0.3989, 0.3726

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.



43.6486, 0.3588, 0.3913



43.6486, 0.2488, 0.2801



43.6486, 0.3830, 0.3476

Square

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



43.6486, 0.2488, 0.2801



43.6486, 0.3331, 0.2923



43.6486, 0.3803, 0.3745



43.6486, 0.2902, 0.3704

Rectangle

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



43.6486, 0.2488, 0.2801



43.6486, 0.2855, 0.2721



43.6486, 0.3803, 0.3745



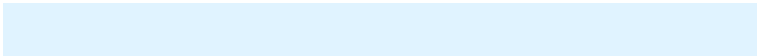
43.6486, 0.3374, 0.3931

Sweetspot

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



43.6503, 0.2488, 0.2801



87.0904, 0.2940, 0.3165



58.0002, 0.2871, 0.4057



18.3580, 0.2919, 0.3151



0.0000, 0.0000, 0.0000



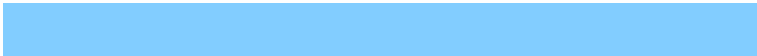
21.4041, 0.3127, 0.3290

Same Dimension

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



43.6503, 0.2488, 0.2801



55.6470, 0.2366, 0.2682



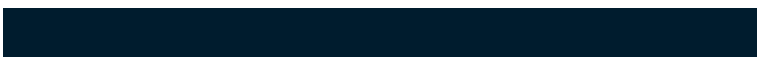
28.3835, 0.2388, 0.2177



13.9103, 0.2982, 0.3194



12.9442, 0.1870, 0.1930



1.0055, 0.1938, 0.2175

Inverse Universe

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



34.1749, 0.3542, 0.2654



41.6478, 0.3662, 0.2531



62.0103, 0.3783, 0.4200



13.1821, 0.3199, 0.3151



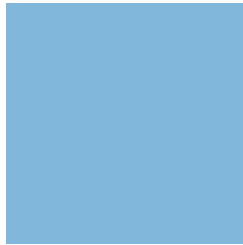
9.9305, 0.4532, 0.2270



0.6602, 0.4259, 0.2120

Previews

White Background



This preview shows how the Yxy color 43.6486, 0.2488, 0.2801 looks on a white background.

Color Contrast Check

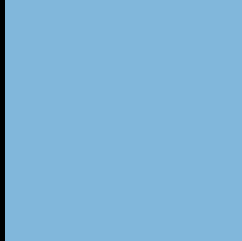
Large Text (above 18pt) WCAG AA × Fail

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 43.6486, 0.2488, 0.2801 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

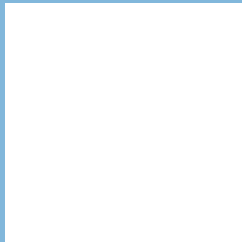
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6486, 0.2488, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 43.6486, 0.2488, 0.2801.



This preview shows how white text looks on a background with the Yxy color 43.6486, 0.2488, 0.2801.

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

43.6486, 0.2488, 0.2801

Protanopia

43.2917, 0.2772, 0.2786

Deuteranopia

43.1605, 0.2731, 0.2669



Tritanopia

43.6199, 0.2568, 0.3076

Trichromacy



Original Color

43.6486, 0.2488, 0.2801

Protanomaly

43.1229, 0.2658, 0.2788

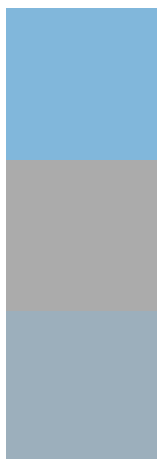
Deuteranomaly

43.0880, 0.2632, 0.2715

Tritanomaly

43.6876, 0.2537, 0.2969

Monochromacy



Original Color

43.6486, 0.2488, 0.2801

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3587, 0.2865, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6486, 0.2488, 0.2801 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(129, 183, 219)` looks like.

```
.text, #text, p{  
  color:rgb(129, 183, 219)  
}
```

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(129, 183, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 183, 219) }
```

Border

The CSS property to change the border of an element to Yxy 43.6486, 0.2488, 0.2801 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(129, 183, 219) }
```

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

```
.border{ border-color:rgb(129, 183, 219) }
```

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

Here you see how a box with a 4 pixel rgb(129, 183, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 183, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 183, 219);  
box-shadow:4px 4px 4px 4px rgb(129, 183,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6486, 0.2488, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 183, 219) }
```

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

```
.background{ background-color: rgb(129,  
183, 219) }
```

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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