

Converting Colors

$Yxy(43.5277, 0.2222, 0.2812)$

Have a look what the booklet for
Yxy(43.5277, 0.2222, 0.2812)
contains.

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Color

Yxy(43.5483, 0.2222, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	47BEE0
RGB	71, 190, 224
RGB Percent	28%, 75%, 88%
CMY	0.7212, 0.2549, 0.1215
CMYK	0.68, 0.15, 0.00, 0.12
HSL	193°, 71%, 58%
HSV	193°, 68%, 88%
XYZ	34.4725, 43.5483, 77.1210
YIQ	158.2950, -81.8380, -14.6540

Conversions

Conversions Part 2

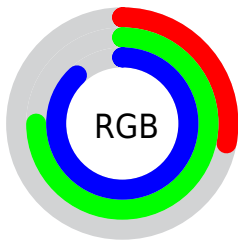
Format	Color
RYB	71, 138, 224
Decimal	4701920
CIELab	71.93, -22.42, -26.68
CIElCh	72, 34.850, 229.967
Yxy	43.5483, 0.2222, 0.2807
Android (android.graphics.Color)	4282892000 (0xFF47BEE0)
YUV	158.2950, 32.3926, -76.5577
Hunter-Lab	65.9911, -22.2395, -23.0959

Details

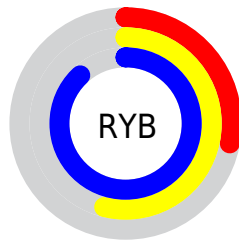
The Yxy color **43.5483, 0.2222, 0.2807** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **26.4318, 0.5096, 0.3645**, and the grayscale version is **34.2222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3658, 0.2486, 0.3185**, and **20.4729, 0.2071, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **40.7300, 0.2145, 0.2725**, and if you desaturate by 10%, it is **46.7557, 0.2319, 0.2889**.

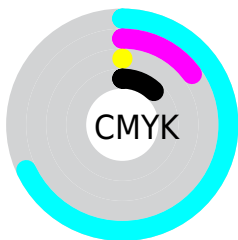
Distribution



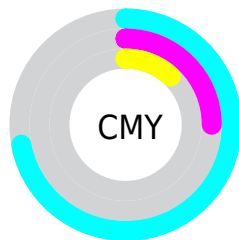
- Red (28%)
- Green (75%)
- Blue (88%)



- Red (28%)
- Yellow (54%)
- Blue (88%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (72%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5483, 0.2222, 0.2807 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 43.5483, 0.2222, 0.2807 by changing the saturation by 10% instead.


 43.5483, 0.2222,
0.2807


 43.5483, 0.2222,
0.2807


360.8618, 0.2661,
0.3060


 30.3156, 0.2118,
0.2742


 80.5376, 0.2378,
0.2901

 20.0782, 0.1988,
0.2657

 105.0630, 0.2437,
0.2936

 12.4519, 0.1823,
0.2543


 134.1213, 0.2488,
0.2965

 7.0522, 0.1606,
0.2384

 168.0971, 0.2532,
0.2990

 3.4948, 0.1313,
0.2150

207.3746, 0.2570,
0.3011

 1.3952, 0.0907,
0.1787

252.3383, 0.2604,

 0.2132, 0.0000,

0.3029

0.0758

303.3726, 0.2634,
0.3046

0.0000, 0.0000,
0.0000

43.5483, 0.2222,
0.2807

43.5483, 0.2222,
0.2807

40.7300, 0.2145,
0.2725

46.7557, 0.2319,
0.2889

38.2592, 0.2087,
0.2642

50.3790, 0.2432,
0.2968

36.0842, 0.2047,
0.2561

54.4475, 0.2561,
0.3044

35.7238, 0.2041,
0.2547

58.9863, 0.2700,
0.3115

64.0184, 0.2848,
0.3182

■ 69.5651, 0.3000,
0.3244

■ 75.6463, 0.3154,
0.3299

■ 82.2807, 0.3307,
0.3349

■ 85.9726, 0.3334,
0.3398

Harmonies

Analogous

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



43.5483, 0.2345, 0.3236



43.5483, 0.2222, 0.2807



43.5483, 0.2314, 0.2555

Triad

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



43.5483, 0.2222, 0.2807



43.5483, 0.3565, 0.2892



43.5483, 0.3616, 0.4187

Complementary

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



43.5483, 0.2222, 0.2807



26.4318, 0.5096, 0.3645

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.



43.5483, 0.3986, 0.3998



43.5483, 0.2222, 0.2807



43.5483, 0.3969, 0.3256

Square

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



43.5483, 0.2222, 0.2807



43.5483, 0.3058, 0.2623



43.5483, 0.4124, 0.3652



43.5483, 0.3133, 0.4103

Rectangle

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



43.5483, 0.2222, 0.2807



43.5483, 0.2488, 0.2497



43.5483, 0.4124, 0.3652



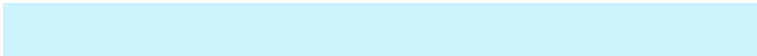
43.5483, 0.3759, 0.4150

Sweetspot

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



43.5499, 0.2222, 0.2807



84.5505, 0.2819, 0.3170



55.6673, 0.2897, 0.5076



17.6813, 0.2777, 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.



43.5499, 0.2222, 0.2807



53.1448, 0.2117, 0.2689



18.8547, 0.1941, 0.1654



15.0279, 0.2982, 0.3237



20.9686, 0.2044, 0.2559



1.5824, 0.2079, 0.2685

Inverse Universe

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



24.0851, 0.3599, 0.2050



27.7839, 0.3727, 0.1930



49.2267, 0.4375, 0.4455



13.8807, 0.3172, 0.3110



11.0248, 0.3864, 0.1902



0.7772, 0.3743, 0.1835

Previews

White Background



This preview shows how the Yxy color 43.5483, 0.2222, 0.2807 looks on a white background.

Color Contrast Check

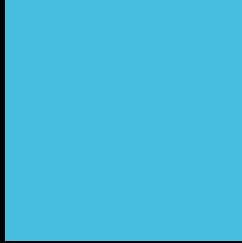
Large Text (above 18pt) WCAG AA × Fail

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 43.5483, 0.2222, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

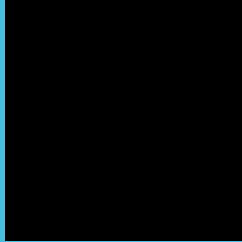
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5483, 0.2222, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 43.5483, 0.2222, 0.2807.



This preview shows how white text looks on a background with the Yxy color 43.5483, 0.2222, 0.2807.

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

43.5483, 0.2222, 0.2807

Protanopia

42.7476, 0.2770, 0.2783

Deuteranopia

42.9990, 0.2648, 0.2583



Tritanopia

43.7181, 0.2276, 0.3067

Trichromacy



Original Color

43.5483, 0.2222, 0.2807

Protanomaly

42.0234, 0.2509, 0.2783

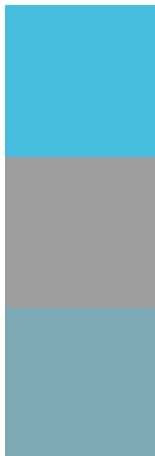
Deuteranomaly

42.5321, 0.2441, 0.2649

Tritanomaly

43.6781, 0.2254, 0.2968

Monochromacy



Original Color

43.5483, 0.2222, 0.2807

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

36.5625, 0.2671, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5483, 0.2222, 0.2807 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(71, 190, 224)` looks like.

```
.text, #text, p{  
    color:rgb(71, 190, 224)  
}
```

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(71, 190, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 190, 224) }
```

Border

The CSS property to change the border of an element to Yxy 43.5483, 0.2222, 0.2807 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(71, 190, 224) }
```

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

```
.border{ border-color:rgb(71, 190, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 190, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 190, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 190, 224);  
box-shadow:4px 4px 4px 4px rgb(71, 190,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5483, 0.2222, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 190, 224) }
```

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

```
.background{ background-color: rgb(71, 190,  
224) }
```

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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