

Converting Colors

$Yxy(44.5884, 0.2599, 0.3091)$

Have a look what the booklet for
Yxy(44.5884, 0.2599, 0.3091)
contains.

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Color

Yxy(44.4248, 0.2601, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	81BBC9
RGB	129, 187, 201
RGB Percent	51%, 73%, 79%
CMY	0.4941, 0.2667, 0.2116
CMYK	0.36, 0.07, 0.00, 0.21
HSL	192°, 40%, 65%
HSV	192°, 36%, 79%
XYZ	37.3703, 44.4248, 61.8815
YIQ	171.2540, -39.0620, -7.9420

Conversions

Conversions Part 2

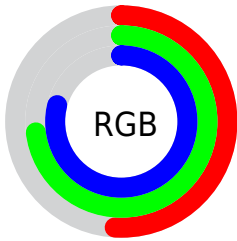
Format	Color
RYB	129, 161, 201
Decimal	8502217
CIELab	72.51, -15.22, -13.06
CIElCh	73, 20.053, 220.632
Yxy	44.4248, 0.2601, 0.3092
Android (android.graphics.Color)	4286692297 (0xFF81BBC9)
YUV	171.2540, 14.6648, -37.0568
Hunter-Lab	66.6519, -16.5598, -8.3901

Details

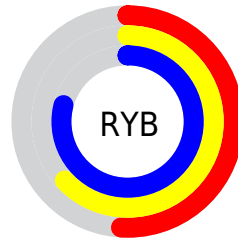
The Yxy color **44.4248, 0.2601, 0.3092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.6663, 0.3913, 0.3477**, and the grayscale version is **40.8015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5115, 0.2708, 0.3159**, and **20.6933, 0.2460, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **41.3644, 0.2473, 0.3027**, and if you desaturate by 10%, it is **47.8437, 0.2740, 0.3153**.

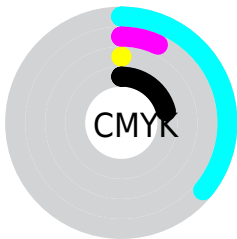
Distribution



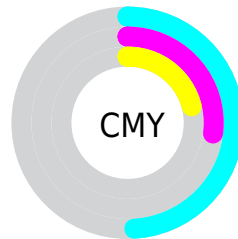
- Red (51%)
- Green (73%)
- Blue (79%)



- Red (51%)
- Yellow (63%)
- Blue (79%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)





- Cyan (49%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4248, 0.2601, 0.3092 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 44.4248, 0.2601, 0.3092 by changing the saturation by 10% instead.


 44.4248, 0.2601,
0.3092

 44.4248, 0.2601,
0.3092


364.4390, 0.2861,
0.3196


 31.0046, 0.2537,
0.3064


 81.8566, 0.2695,
0.3131

 20.6024, 0.2456,
0.3028


 106.6370, 0.2730,
0.3145

 12.8337, 0.2349,
0.2979


 135.9729, 0.2760,
0.3157

 7.3141, 0.2202,
0.2907

170.2487, 0.2786,
0.3168

 3.6593, 0.1991,
0.2795

209.8488, 0.2809,
0.3176

 1.4849, 0.1662,
0.2600

255.1576, 0.2828,

 0.2780, 0.0000,

0.3184

0.1834

306.5595, 0.2846,
0.3190

0.0000, 0.0000,
0.0000

44.4248, 0.2601,
0.3092

44.4248, 0.2601,
0.3092

41.3644, 0.2473,
0.3027

47.8437, 0.2740,
0.3153

38.6387, 0.2359,
0.2960

51.6330, 0.2887,
0.3210

36.2289, 0.2262,
0.2890

55.8104, 0.3038,
0.3262

34.1120, 0.2183,
0.2819

60.3907, 0.3191,
0.3309

32.2612, 0.2124,
0.2748

65.3880, 0.3344,
0.3352

■ 30.6432, 0.2083,
0.2678

■ 70.8157, 0.3495,
0.3390

■ 30.0094, 0.2069,
0.2649

■ 73.7834, 0.3528,
0.3428

■ 75.7953, 0.3520,
0.3467

■ 77.8551, 0.3512,
0.3507

Harmonies

Analogous

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



44.4248, 0.2720, 0.3355



44.4248, 0.2601, 0.3092



44.4248, 0.2615, 0.2901

Triad

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



44.4248, 0.2601, 0.3092



44.4248, 0.3294, 0.2997



44.4248, 0.3494, 0.3785

Complementary

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



44.4248, 0.2601, 0.3092



33.6663, 0.3913, 0.3477

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.



44.4248, 0.3663, 0.3659



44.4248, 0.2601, 0.3092



44.4248, 0.3547, 0.3208

Square

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



44.4248, 0.2601, 0.3092



44.4248, 0.3004, 0.2857



44.4248, 0.3684, 0.3447



44.4248, 0.3230, 0.3773

Rectangle

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



44.4248, 0.2601, 0.3092



44.4248, 0.2698, 0.2834



44.4248, 0.3684, 0.3447



44.4248, 0.3564, 0.3756

Sweetspot

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



44.4265, 0.2601, 0.3092



91.6249, 0.2957, 0.3235



48.4153, 0.2993, 0.4158



19.4032, 0.2936, 0.3227



0.0000, 0.0000, 0.0000



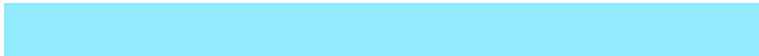
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4265, 0.2601, 0.3092



71.9092, 0.2500, 0.3042



31.2849, 0.2529, 0.2569



11.7028, 0.2984, 0.3244



18.9917, 0.2072, 0.2659



0.9918, 0.2113, 0.2805

Inverse Universe

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



31.7140, 0.3310, 0.2566



47.5374, 0.3361, 0.2413



45.9377, 0.3754, 0.3917



10.7798, 0.3167, 0.3106



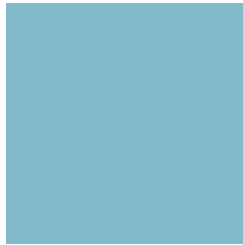
9.4572, 0.3767, 0.1849



0.4571, 0.3630, 0.1773

Previews

White Background



This preview shows how the Yxy color 44.4248, 0.2601, 0.3092 looks on a white background.

Color Contrast Check

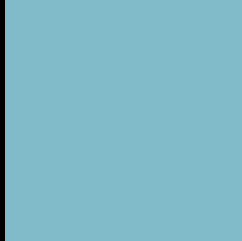
Large Text (above 18pt) WCAG AA × Fail

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 44.4248, 0.2601, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

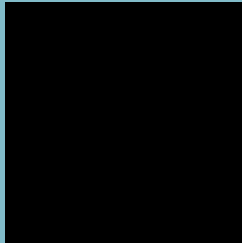
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4248, 0.2601, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 44.4248, 0.2601, 0.3092.



This preview shows how white text looks on a background with the Yxy color 44.4248, 0.2601, 0.3092.

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

44.4248, 0.2601, 0.3092

Protanopia

44.0597, 0.2976, 0.3054

Deuteranopia

44.1919, 0.2958, 0.2896



Tritanopia

44.4720, 0.2595, 0.3079

Trichromacy



Original Color

44.4248, 0.2601, 0.3092

Protanomaly

43.9428, 0.2820, 0.3060

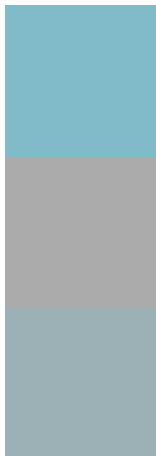
Deuteranomaly

43.9391, 0.2815, 0.2958

Tritanomaly

44.4720, 0.2595, 0.3079

Monochromacy



Original Color

44.4248, 0.2601, 0.3092

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.8896, 0.2911, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4248, 0.2601, 0.3092 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, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(129, 187, 201)  
}
```

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, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 187, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.4248, 0.2601, 0.3092 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, 187, 201) }
```

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

```
.border{ border-color:rgb(129, 187, 201) }
```

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

Here you see how a box with a 4 pixel rgb(129, 187, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(129, 187,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4248, 0.2601, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 187, 201) }
```

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

```
.background{ background-color: rgb(129,  
187, 201) }
```

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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