

Converting Colors

$Yxy(53.2120, 0.2491, 0.2975)$

Have a look what the booklet for
Yxy(53.2120, 0.2491, 0.2975)
contains.

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Color

Yxy(53.0591, 0.2491, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	82CBE4
RGB	130, 203, 228
RGB Percent	51%, 80%, 89%
CMY	0.4902, 0.2039, 0.1060
CMYK	0.43, 0.11, 0.00, 0.11
HSL	195°, 64%, 70%
HSV	195°, 43%, 89%
XYZ	44.5618, 53.0591, 81.2702
YIQ	184.0230, -51.5330, -7.7010

Conversions

Conversions Part 2

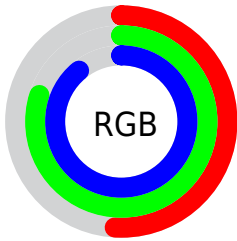
Format	Color
RYB	130, 172, 228
Decimal	8571876
CIELab	77.91, -16.36, -19.51
CIELCh	78, 25.456, 230.023
Yxy	53.0591, 0.2491, 0.2966
Android (android.graphics.Color)	4286761956 (0xFF82CBE4)
YUV	184.0230, 21.6807, -47.3782
Hunter-Lab	72.8417, -18.2734, -15.1613

Details

The Yxy color **53.0591, 0.2491, 0.2966** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5323, 0.4119, 0.3584**, and the grayscale version is **47.8458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **25.9285, 0.2327, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **48.7610, 0.2365, 0.2876**, and if you desaturate by 10%, it is **57.8635, 0.2629, 0.3051**.

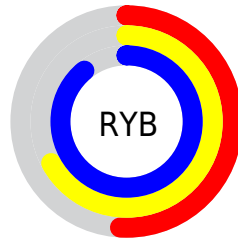
Distribution



Red (51%)

Green (80%)

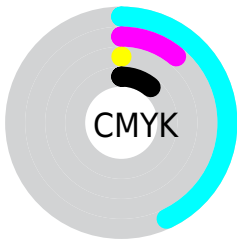
Blue (89%)



Red (51%)

Yellow (67%)

Blue (89%)

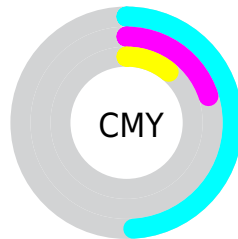


Cyan (43%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (49%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0591, 0.2491, 0.2966 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 53.0591, 0.2491, 0.2966 by changing the saturation by 10% instead.

 53.0591, 0.2491,
0.2966


 53.0591, 0.2491,
0.2966

398.5118, 0.2794,
0.3130


 37.8500, 0.2420,
0.2925

 94.6913, 0.2598,
0.3026

 25.8663, 0.2331,
0.2873


 121.8832, 0.2639,
0.3048

 16.7236, 0.2218,
0.2804


 153.8381, 0.2674,
0.3067

 10.0376, 0.2068,
0.2709

190.9404, 0.2705,
0.3083

 5.4239, 0.1863,
0.2570

233.5746, 0.2731,
0.3097

 2.4981, 0.1567,
0.2354

282.1249, 0.2755,

 0.8757, 0.0994,

0.3109

0.2010

336.9759, 0.2776,
0.3120

0.0000, 0.0000,
0.0000

53.0591, 0.2491,
0.2966

53.0591, 0.2491,
0.2966

48.7610, 0.2365,
0.2876

57.8635, 0.2629,
0.3051

44.9351, 0.2255,
0.2783

63.1933, 0.2775,
0.3131

41.5526, 0.2162,
0.2687

69.0739, 0.2927,
0.3204

38.5777, 0.2089,
0.2591

75.5272, 0.3081,
0.3271

35.9676, 0.2036,
0.2496

82.5736, 0.3235,
0.3332

■ 34.3048, 0.2008,
0.2430

■ 87.9286, 0.3305,
0.3388

■ 91.3634, 0.3298,
0.3444

■ 94.9084, 0.3292,
0.3500

■ 98.3799, 0.3286,
0.3552

Harmonies

Analogous

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



53.0591, 0.2582, 0.3262



53.0591, 0.2491, 0.2966



53.0591, 0.2557, 0.2780

Triad

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



53.0591, 0.2491, 0.2966



53.0591, 0.3430, 0.3013



53.0591, 0.3472, 0.3899

Complementary

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



53.0591, 0.2491, 0.2966



41.5323, 0.4119, 0.3584

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.



53.0591, 0.3720, 0.3789



53.0591, 0.2491, 0.2966



53.0591, 0.3700, 0.3277

Square

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



53.0591, 0.2491, 0.2966



53.0591, 0.3085, 0.2819



53.0591, 0.3808, 0.3557



53.0591, 0.3139, 0.3830

Rectangle

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



53.0591, 0.2491, 0.2966



53.0591, 0.2684, 0.2733



53.0591, 0.3808, 0.3557



53.0591, 0.3569, 0.3881

Sweetspot

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



53.0611, 0.2491, 0.2966



88.9743, 0.2926, 0.3204



62.5669, 0.2933, 0.4286



18.6707, 0.2892, 0.3188



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.



53.0611, 0.2491, 0.2966



63.2115, 0.2373, 0.2882



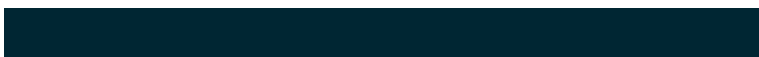
33.6203, 0.2378, 0.2295



15.6819, 0.2981, 0.3229



20.0138, 0.2013, 0.2445



1.6255, 0.2051, 0.2583

Inverse Universe

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



36.7670, 0.3419, 0.2477



40.5092, 0.3505, 0.2315



61.0397, 0.3874, 0.4113



14.5492, 0.3177, 0.3117



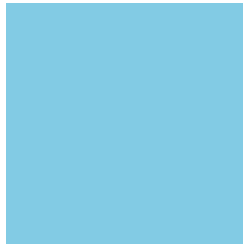
11.2181, 0.3978, 0.1965



0.8438, 0.3841, 0.1890

Previews

White Background



This preview shows how the Yxy color 53.0591, 0.2491, 0.2966 looks on a white background.

Color Contrast Check

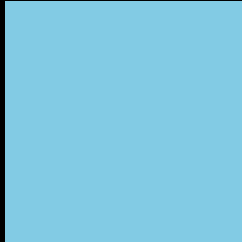
Large Text (above 18pt) WCAG AA × Fail

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 53.0591, 0.2491, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

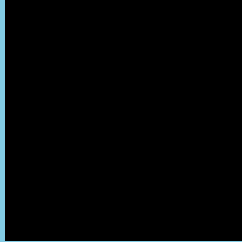
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0591, 0.2491, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 53.0591, 0.2491, 0.2966.



This preview shows how white text looks on a background with the Yxy color 53.0591, 0.2491, 0.2966.

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

53.0591, 0.2491, 0.2966

Protanopia

52.5590, 0.2887, 0.2928

Deuteranopia

52.8123, 0.2842, 0.2785



Tritanopia

52.9954, 0.2519, 0.3065

Trichromacy



Original Color

53.0591, 0.2491, 0.2966

Protanomaly

52.4649, 0.2722, 0.2941

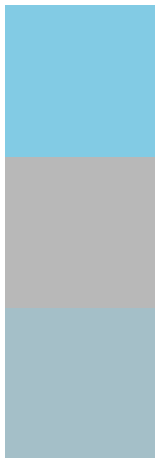
Deuteranomaly

52.2881, 0.2697, 0.2837

Tritanomaly

53.2347, 0.2508, 0.3028

Monochromacy



Original Color

53.0591, 0.2491, 0.2966

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3242, 0.2853, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0591, 0.2491, 0.2966 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(130, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(130, 203, 228)  
}
```

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(130, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 203, 228) }
```

Border

The CSS property to change the border of an element to Yxy 53.0591, 0.2491, 0.2966 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(130, 203, 228) }
```

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

```
.border{ border-color:rgb(130, 203, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 203, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(130, 203,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0591, 0.2491, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 203, 228) }
```

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

```
.background{ background-color: rgb(130,  
203, 228) }
```

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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