

Converting Colors

$Yxy(50.5769, 0.2688, 0.2894)$

Have a look what the booklet for
Yxy(50.5769, 0.2688, 0.2894)
contains.

Yxy(50.7084, 0.2691, 0.2899)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7084, 0.2691, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	A2C0DF
RGB	162, 192, 223
RGB Percent	64%, 75%, 87%
CMY	0.3647, 0.2470, 0.1254
CMYK	0.27, 0.14, 0.00, 0.13
HSL	210°, 49%, 75%
HSV	210°, 27%, 87%
XYZ	47.0701, 50.7084, 77.1383
YIQ	186.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

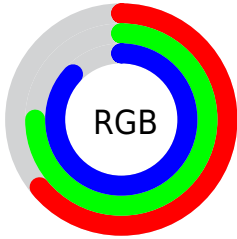
Format	Color
R _Y B	162, 182, 223
Decimal	10666207
CIE Lab	76.50, -3.13, -18.81
CIE LCh	77, 19.065, 260.546
Yxy	50.7084, 0.2691, 0.2899
Android (android.graphics.Color)	4288856287 (0xFFA2C0DF)
YUV	186.5640, 17.9629, -21.5426
Hunter-Lab	71.2098, -6.6276, -14.3793

Details

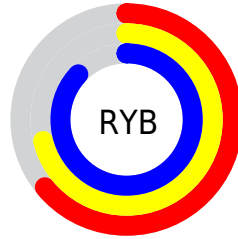
The Yxy color **50.7084, 0.2691, 0.2899** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.4470, 0.3624, 0.3651**, and the grayscale version is **49.3452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2602, 0.2903, 0.3218**, and **24.5436, 0.2577, 0.2797** is the 20% darker color. If you saturate the color by 10%, you get **43.7903, 0.2526, 0.2729**, and if you desaturate by 10%, it is **58.4282, 0.2855, 0.3055**.

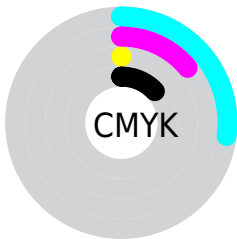
Distribution



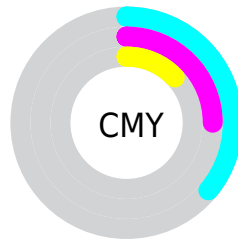
- Red (64%)
- Green (75%)
- Blue (87%)



- Red (64%)
- Yellow (71%)
- Blue (87%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7084, 0.2691, 0.2899 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 50.7084, 0.2691, 0.2899 by changing the saturation by 10% instead.

■ 50.7084, 0.2691,
0.2899

■ 50.7084, 0.2691,
0.2899

389.4298, 0.2903,
0.3091

■ 35.9766, 0.2640,
0.2852

■ 91.2236, 0.2767,
0.2968

■ 24.4161, 0.2576,
0.2793

■ 117.7758, 0.2795,
0.2994

■ 15.6426, 0.2493,
0.2716

149.0369, 0.2820,
0.3016

■ 9.2716, 0.2380,
0.2611

185.3913, 0.2841,
0.3035

■ 4.9188, 0.2221,
0.2461

227.2233, 0.2860,
0.3052

■ 2.1997, 0.1981,
0.2231

274.9175, 0.2876,

■ 0.7198, 0.1547,

0.3067

0.1832

328.8582, 0.2890,
0.3080

0.0000, 0.0000,
0.0000

50.7084, 0.2691,
0.2899

50.7084, 0.2691,
0.2899

43.7903, 0.2526,
0.2729

58.4282, 0.2855,
0.3055

37.6373, 0.2365,
0.2546

66.9723, 0.3014,
0.3196

32.2187, 0.2211,
0.2353

76.3696, 0.3167,
0.3322

27.4988, 0.2070,
0.2154

86.6458, 0.3311,
0.3433

23.4379, 0.1949,
0.1954

94.1454, 0.3323,
0.3542

■ 19.9908, 0.1850,
0.1760

■ 98.1093, 0.3315,
0.3601

■ 17.0998, 0.1776,
0.1576

■ 16.4097, 0.1758,
0.1530

Harmonies

Analogous

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



50.7084, 0.2637, 0.3044



50.7084, 0.2691, 0.2899



50.7084, 0.2858, 0.2860

Triad

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



50.7084, 0.2691, 0.2899



50.7084, 0.3564, 0.3288



50.7084, 0.3135, 0.3693

Complementary

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



50.7084, 0.2691, 0.2899



56.4470, 0.3624, 0.3651

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.



50.7084, 0.3389, 0.3751



50.7084, 0.2691, 0.2899



50.7084, 0.3643, 0.3504

Square

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



50.7084, 0.2691, 0.2899



50.7084, 0.3363, 0.3081



50.7084, 0.3577, 0.3676



50.7084, 0.2887, 0.3511

Rectangle

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



50.7084, 0.2691, 0.2899



50.7084, 0.3015, 0.2894



50.7084, 0.3577, 0.3676



50.7084, 0.3223, 0.3727

Sweetspot

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



50.7104, 0.2691, 0.2899



89.8960, 0.3003, 0.3187



64.2993, 0.2906, 0.3673



18.8528, 0.2979, 0.3166



0.0000, 0.0000, 0.0000



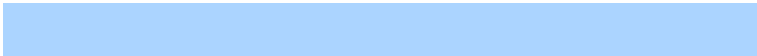
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7104, 0.2691, 0.2899



63.0624, 0.2594, 0.2801



38.8463, 0.2652, 0.2504



14.3507, 0.2981, 0.3168



9.8713, 0.1766, 0.1556



0.8632, 0.1844, 0.1838

Inverse Universe

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



45.3353, 0.3432, 0.2943



55.0942, 0.3520, 0.2865



71.0915, 0.3539, 0.3971



13.8123, 0.3215, 0.3175



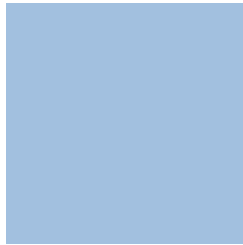
9.9046, 0.4987, 0.2521



0.7046, 0.4640, 0.2330

Previews

White Background



This preview shows how the Yxy color 50.7084, 0.2691, 0.2899 looks on a white background.

Color Contrast Check

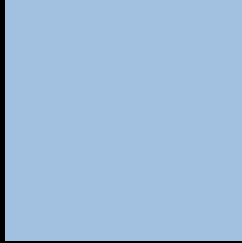
Large Text (above 18pt) WCAG AA × Fail

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 50.7084, 0.2691, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

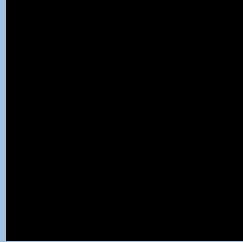
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

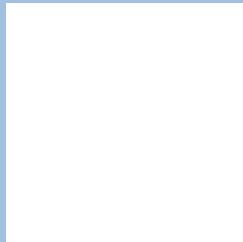
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7084, 0.2691, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 50.7084, 0.2691, 0.2899.



This preview shows how white text looks on a background with the Yxy color 50.7084, 0.2691, 0.2899.

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

50.7084, 0.2691, 0.2899

Protanopia

50.6530, 0.2848, 0.2886

Deuteranopia

50.5360, 0.2865, 0.2800



Tritanopia

50.6076, 0.2754, 0.3082

Trichromacy



Original Color

50.7084, 0.2691, 0.2899

Protanomaly

50.7296, 0.2791, 0.2894

Deuteranomaly

50.5062, 0.2799, 0.2838

Tritanomaly

50.5198, 0.2729, 0.3008

Monochromacy



Original Color

50.7084, 0.2691, 0.2899

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0303, 0.2958, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7084, 0.2691, 0.2899 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(162, 192, 223)` looks like.

```
.text, #text, p{  
    color:rgb(162, 192, 223)  
}
```

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(162, 192, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 192, 223) }
```

Border

The CSS property to change the border of an element to Yxy 50.7084, 0.2691, 0.2899 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(162, 192, 223) }
```

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

```
.border{ border-color:rgb(162, 192, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 192, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 192, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 192, 223); box-shadow:4px 4px 4px 4px rgb(162, 192, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7084, 0.2691, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 192, 223) }
```

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

```
.background{ background-color: rgb(162,  
192, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor