

Converting Colors

$Yxy(52.0828, 0.2495, 0.2818)$

Have a look what the booklet for
Yxy(52.0828, 0.2495, 0.2818)
contains.

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Color

Yxy(52.0197, 0.2493, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	8CC6EC
RGB	140, 198, 236
RGB Percent	55%, 78%, 93%
CMY	0.4508, 0.2235, 0.0746
CMYK	0.41, 0.16, 0.00, 0.07
HSL	204°, 72%, 74%
HSV	204°, 41%, 93%
XYZ	46.1513, 52.0197, 86.9525
YIQ	184.9900, -46.7660, -0.4780

Conversions

Conversions Part 2

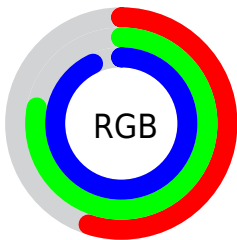
Format	Color
RYB	140, 176, 236
Decimal	9225964
CIELab	77.29, -9.13, -24.70
CIELCh	77, 26.338, 249.717
Yxy	52.0197, 0.2493, 0.2810
Android (android.graphics.Color)	4287416044 (0xFF8CC6EC)
YUV	184.9900, 25.1479, -39.4562
Hunter-Lab	72.1247, -11.9993, -20.9919

Details

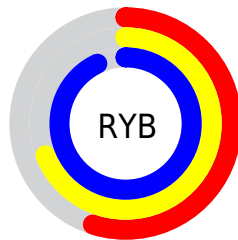
The Yxy color **52.0197, 0.2493, 0.2810** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.5725, 0.3984, 0.3719**, and the grayscale version is **48.3912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.1266, 0.2330, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **46.0463, 0.2347, 0.2667**, and if you desaturate by 10%, it is **58.7001, 0.2647, 0.2944**.

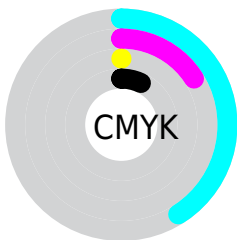
Distribution



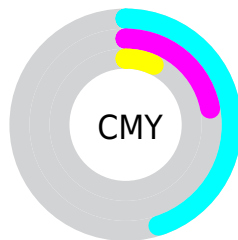
- Red (55%)
- Green (78%)
- Blue (93%)



- Red (55%)
- Yellow (69%)
- Blue (93%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0197, 0.2493, 0.2810 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 52.0197, 0.2493, 0.2810 by changing the saturation by 10% instead.

■ 52.0197, 0.2493,
0.2810

■ 52.0197, 0.2493,
0.2810

■ 394.5127, 0.2796,
0.3046

■ 37.0208, 0.2422,
0.2753

■ 93.1603, 0.2600,
0.2895

■ 25.2236, 0.2333,
0.2680

■ 120.0708, 0.2641,
0.2927

■ 16.2437, 0.2220,
0.2586

■ 151.7205, 0.2676,
0.2954

■ 9.6968, 0.2070,
0.2459

■ 188.4940, 0.2707,
0.2978

■ 5.1984, 0.1865,
0.2281

■ 230.7755, 0.2733,
0.2998

■ 2.3641, 0.1571,
0.2013

■ 278.9496, 0.2757,

■ 0.8073, 0.1075,

0.3016

0.1594

333.4005, 0.2778,
0.3032

0.0000, 0.0000,
0.0000

52.0197, 0.2493,
0.2810

52.0197, 0.2493,
0.2810

46.0463, 0.2347,
0.2667

58.7001, 0.2647,
0.2944

40.7408, 0.2213,
0.2517

66.1120, 0.2804,
0.3069

36.0688, 0.2095,
0.2363

74.2856, 0.2962,
0.3182

31.9890, 0.1996,
0.2207

83.2476, 0.3117,
0.3284

28.4529, 0.1920,
0.2055

92.4447, 0.3247,
0.3375

■ 25.5696, 0.1866,
0.1916

■ 98.2318, 0.3239,
0.3465

■ 98.8352, 0.3238,
0.3474

Harmonies

Analogous

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



52.0197, 0.2480, 0.3047



52.0197, 0.2493, 0.2810



52.0197, 0.2664, 0.2711

Triad

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



52.0197, 0.2493, 0.2810



52.0197, 0.3643, 0.3177



52.0197, 0.3262, 0.3902

Complementary

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



52.0197, 0.2493, 0.2810



51.5725, 0.3984, 0.3719

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.



52.0197, 0.3589, 0.3904



52.0197, 0.2493, 0.2810



52.0197, 0.3821, 0.3469

Square

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



52.0197, 0.2493, 0.2810



52.0197, 0.3322, 0.2923



52.0197, 0.3798, 0.3736



52.0197, 0.2911, 0.3704

Rectangle

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



52.0197, 0.2493, 0.2810



52.0197, 0.2851, 0.2726



52.0197, 0.3798, 0.3736



52.0197, 0.3378, 0.3924

Sweetspot

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



52.0217, 0.2493, 0.2810



87.1644, 0.2940, 0.3167



68.7272, 0.2872, 0.4051



18.3755, 0.2920, 0.3152



0.0000, 0.0000, 0.0000



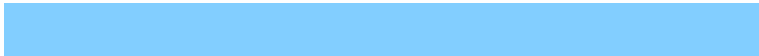
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0217, 0.2493, 0.2810



55.8891, 0.2367, 0.2688



33.8401, 0.2394, 0.2186



16.0630, 0.2981, 0.3194



14.3562, 0.1872, 0.1940



1.3142, 0.1930, 0.2147

Inverse Universe

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



40.6733, 0.3534, 0.2654



41.6723, 0.3657, 0.2526



73.4617, 0.3779, 0.4194



15.2069, 0.3198, 0.3149



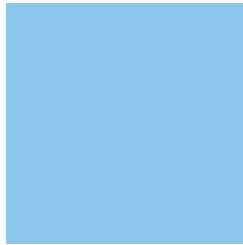
10.9421, 0.4521, 0.2264



0.8781, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 52.0197, 0.2493, 0.2810 looks on a white background.

Color Contrast Check

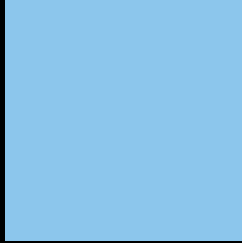
Large Text (above 18pt) WCAG AA × Fail

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 52.0197, 0.2493, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

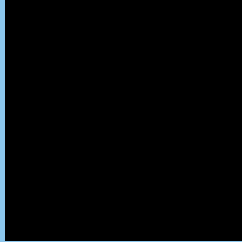
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0197, 0.2493, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 52.0197, 0.2493, 0.2810.



This preview shows how white text looks on a background with the Yxy color 52.0197, 0.2493, 0.2810.

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

52.0197, 0.2493, 0.2810

Protanopia

51.4473, 0.2782, 0.2796

Deuteranopia

51.4812, 0.2744, 0.2677



Tritanopia

51.9339, 0.2572, 0.3078

Trichromacy



Original Color

52.0197, 0.2493, 0.2810

Protanomaly

51.6325, 0.2664, 0.2799

Deuteranomaly

51.2662, 0.2644, 0.2720

Tritanomaly

52.0087, 0.2544, 0.2978

Monochromacy



Original Color

52.0197, 0.2493, 0.2810

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.6216, 0.2862, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0197, 0.2493, 0.2810 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(140, 198, 236)` looks like.

```
.text, #text, p{  
    color:rgb(140, 198, 236)  
}
```

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(140, 198, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 198, 236) }
```

Border

The CSS property to change the border of an element to Yxy 52.0197, 0.2493, 0.2810 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(140, 198, 236) }
```

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

```
.border{ border-color:rgb(140, 198, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 198, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 198, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 198, 236); box-shadow:4px 4px 4px 4px rgb(140, 198, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0197, 0.2493, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 198, 236) }
```

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

```
.background{ background-color: rgb(140,  
198, 236) }
```

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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