

Converting Colors

$Y_{xy}(52.0690, 0.2486, 0.2710)$

Have a look what the booklet for
Yxy(52.0690, 0.2486, 0.2710)
contains.

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Color

Yxy(52.0619, 0.2486, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	92C4F3
RGB	146, 196, 243
RGB Percent	57%, 77%, 95%
CMY	0.4274, 0.2314, 0.0470
CMYK	0.40, 0.19, 0.00, 0.05
HSL	209°, 80%, 76%
HSV	209°, 40%, 95%
XYZ	47.7763, 52.0619, 92.3431
YIQ	186.4080, -44.8870, 4.0170

Conversions

Conversions Part 2

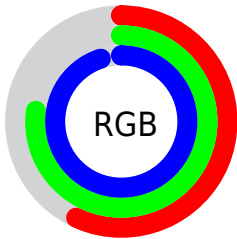
Format	Color
R _Y B	146, 179, 243
Decimal	9618675
CIE Lab	77.32, -4.68, -28.42
CIE LCh	77, 28.802, 260.650
Yxy	52.0619, 0.2486, 0.2709
Android (android.graphics.Color)	4287808755 (0xFF92C4F3)
YUV	186.4080, 27.8999, -35.4378
Hunter-Lab	72.1539, -8.0768, -25.3720

Details

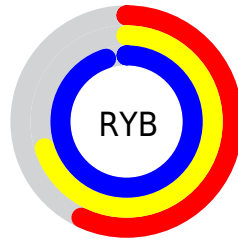
The Yxy color **52.0619, 0.2486, 0.2709** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.2947, 0.3927, 0.3802**, and the grayscale version is **49.2062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1671, 0.2820, 0.3268**, and **25.1580, 0.2324, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **44.9602, 0.2328, 0.2531**, and if you desaturate by 10%, it is **60.0583, 0.2649, 0.2875**.

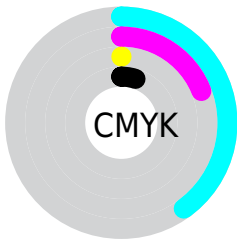
Distribution



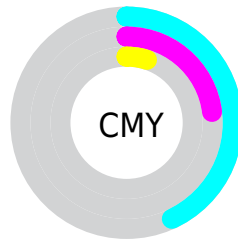
- Red (57%)
- Green (77%)
- Blue (95%)



- Red (57%)
- Yellow (70%)
- Blue (95%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0619, 0.2486, 0.2709 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 52.0619, 0.2486, 0.2709 by changing the saturation by 10% instead.

■ 52.0619, 0.2486,
0.2709

■ 52.0619, 0.2486,
0.2709

■ 394.6755, 0.2793,
0.2991

■ 37.0544, 0.2414,
0.2642

■ 93.2225, 0.2594,
0.2809

■ 25.2496, 0.2325,
0.2558

■ 120.1445, 0.2636,
0.2847

■ 16.2631, 0.2211,
0.2450

■ 151.8067, 0.2671,
0.2880

■ 9.7105, 0.2061,
0.2306

■ 188.5935, 0.2702,
0.2908

■ 5.2075, 0.1856,
0.2107

■ 230.8894, 0.2729,
0.2933

■ 2.3695, 0.1566,
0.1819

■ 279.0788, 0.2753,

■ 0.8101, 0.1118,

0.2955

0.1382

333.5461, 0.2774,
0.2974

0.0000, 0.0000,
0.0000

52.0619, 0.2486,
0.2709

52.0619, 0.2486,
0.2709

44.9602, 0.2328,
0.2531

60.0583, 0.2649,
0.2875

38.7075, 0.2180,
0.2345

68.9803, 0.2812,
0.3028

33.2621, 0.2047,
0.2154

78.8642, 0.2973,
0.3167

28.5752, 0.1935,
0.1963

89.7426, 0.3128,
0.3291

24.5901, 0.1845,
0.1778

99.1915, 0.3197,
0.3404

■ 21.2195, 0.1779,
0.1602

■ 99.2525, 0.3197,
0.3405

■ 21.1931, 0.1778,
0.1601

Harmonies

Analogous

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



52.0619, 0.2408, 0.2913



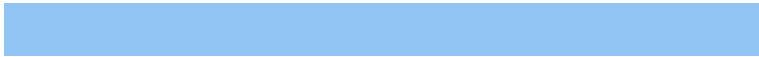
52.0619, 0.2486, 0.2709



52.0619, 0.2726, 0.2662

Triad

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



52.0619, 0.2486, 0.2709



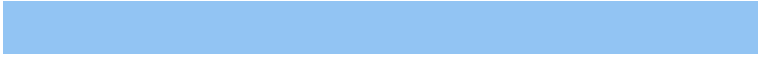
52.0619, 0.3786, 0.3279



52.0619, 0.3130, 0.3907

Complementary

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



52.0619, 0.2486, 0.2709



59.2947, 0.3927, 0.3802

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.



52.0619, 0.3509, 0.3987



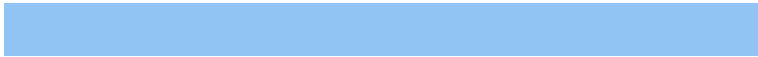
52.0619, 0.2486, 0.2709



52.0619, 0.3903, 0.3594

Square

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



52.0619, 0.2486, 0.2709



52.0619, 0.3479, 0.2982



52.0619, 0.3797, 0.3858



52.0619, 0.2765, 0.3624

Rectangle

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



52.0619, 0.2486, 0.2709



52.0619, 0.2957, 0.2714



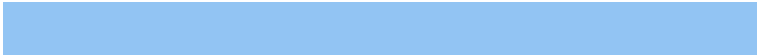
52.0619, 0.3797, 0.3858



52.0619, 0.3260, 0.3958

Sweetspot

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



52.0639, 0.2486, 0.2709



85.5491, 0.2940, 0.3139



74.0743, 0.2825, 0.3909



17.9951, 0.2919, 0.3121



0.0000, 0.0000, 0.0000



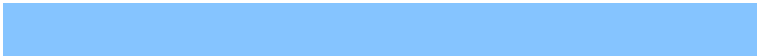
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0639, 0.2486, 0.2709



51.5019, 0.2356, 0.2564



33.6506, 0.2388, 0.2084



17.3389, 0.2980, 0.3172



11.9005, 0.1786, 0.1628



1.2517, 0.1847, 0.1850

Inverse Universe

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



43.6078, 0.3611, 0.2752



41.8959, 0.3757, 0.2645



84.2869, 0.3731, 0.4265



16.6251, 0.3213, 0.3169



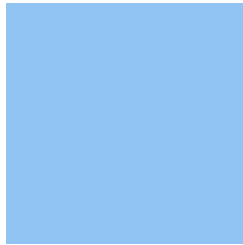
11.3007, 0.4896, 0.2471



1.0140, 0.4627, 0.2322

Previews

White Background



This preview shows how the Yxy color 52.0619, 0.2486, 0.2709 looks on a white background.

Color Contrast Check

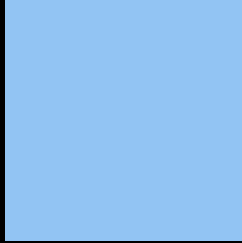
Large Text (above 18pt) WCAG AA × Fail

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 52.0619, 0.2486, 0.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

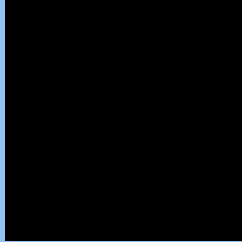
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

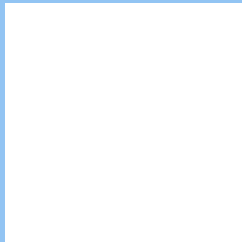
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0619, 0.2486, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 52.0619, 0.2486, 0.2709.



This preview shows how white text looks on a background with the Yxy color 52.0619, 0.2486, 0.2709.

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

52.0619, 0.2486, 0.2709

Protanopia

51.6045, 0.2704, 0.2695

Deuteranopia

51.8365, 0.2674, 0.2611



Tritanopia

52.2720, 0.2596, 0.3079

Trichromacy



Original Color

52.0619, 0.2486, 0.2709

Protanomaly

51.6599, 0.2615, 0.2697

Deuteranomaly

51.6834, 0.2604, 0.2644

Tritanomaly

52.0886, 0.2559, 0.2943

Monochromacy



Original Color

52.0619, 0.2486, 0.2709

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9898, 0.2856, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0619, 0.2486, 0.2709 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(146, 196, 243)` looks like.

```
.text, #text, p{  
    color:rgb(146, 196, 243)  
}
```

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(146, 196, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 196, 243) }
```

Border

The CSS property to change the border of an element to Yxy 52.0619, 0.2486, 0.2709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

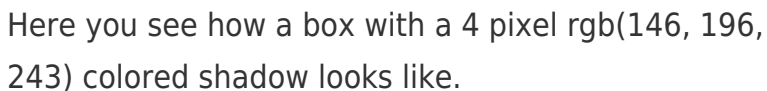
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 196, 243) }
```

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

```
.border{ border-color:rgb(146, 196, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 196, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 196, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 196, 243); box-shadow:4px 4px 4px 4px rgb(146, 196, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0619, 0.2486, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 196, 243) }
```

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

```
.background{ background-color: rgb(146,  
196, 243) }
```

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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