

Converting Colors

$Y_{xy}(59.4776, 0.2525, 0.2918)$

Have a look what the booklet for
Yxy(59.4776, 0.2525, 0.2918)
contains.

Yxy(59.7008, 0.2528, 0.2925)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7008, 0.2528, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	93D4F2
RGB	147, 212, 242
RGB Percent	58%, 83%, 95%
CMY	0.4237, 0.1686, 0.0510
CMYK	0.39, 0.12, 0.00, 0.05
HSL	199°, 79%, 76%
HSV	199°, 39%, 95%
XYZ	51.5978, 59.7008, 92.8067
YIQ	195.9850, -48.3700, -4.4500

Conversions

Conversions Part 2

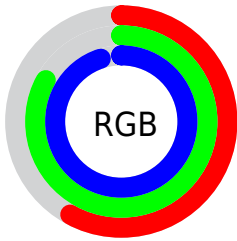
Format	Color
R _Y B	147, 186, 242
Decimal	9688306
CIE Lab	81.68, -13.13, -21.22
CIE LCh	82, 24.957, 238.251
Yxy	59.7008, 0.2528, 0.2925
Android (android.graphics.Color)	4287878386 (0xFF93D4F2)
YUV	195.9850, 22.6854, -42.9598
Hunter-Lab	77.2663, -16.0151, -17.1285

Details

The Yxy color **59.7008, 0.2528, 0.2925** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.4090, 0.3981, 0.3623**, and the grayscale version is **55.0727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **29.8833, 0.2380, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **53.9685, 0.2390, 0.2814**, and if you desaturate by 10%, it is **66.0889, 0.2675, 0.3030**.

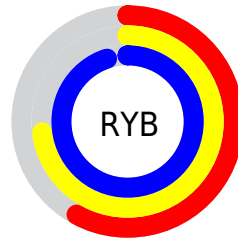
Distribution



Red (58%)

Green (83%)

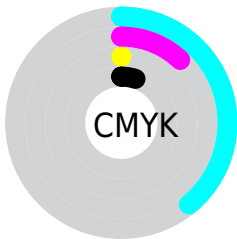
Blue (95%)



Red (58%)

Yellow (73%)

Blue (95%)

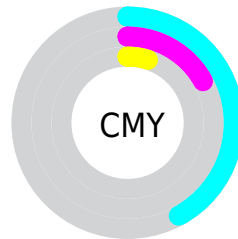


Cyan (39%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (17%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7008, 0.2528, 0.2925 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 59.7008, 0.2528, 0.2925 by changing the saturation by 10% instead.


 59.7008, 0.2528,
0.2925

 59.7008, 0.2528,
0.2925


423.4941, 0.2808,
0.3103

 43.1775, 0.2464,
0.2882


 104.3955, 0.2626,
0.2989

 30.0244, 0.2384,
0.2828


 133.3357, 0.2663,
0.3013

 19.8571, 0.2283,
0.2758

167.1837, 0.2696,
0.3034

 12.2912, 0.2152,
0.2665

206.3239, 0.2724,
0.3051

 6.9423, 0.1975,
0.2533

251.1406, 0.2749,
0.3067

 3.4261, 0.1724,
0.2336

302.0183, 0.2771,

 1.3580, 0.1352,

0.3080

0.2019

359.3413, 0.2791,
0.3093

0.1855, 0.0000,
0.0898

0.0000, 0.0000,
0.0000

59.7008, 0.2528,
0.2925

59.7008, 0.2528,
0.2925

53.9685, 0.2390,
0.2814

66.0889, 0.2675,
0.3030

48.8527, 0.2265,
0.2697

73.1553, 0.2828,
0.3127

44.3201, 0.2157,
0.2576

80.9298, 0.2984,
0.3215

40.3303, 0.2068,
0.2455

89.4382, 0.3138,
0.3296

■ 36.8358, 0.1999,
0.2334

■ 96.1621, 0.3206,
0.3369

■ 33.7645, 0.1950,
0.2215

■ 99.1908, 0.3203,
0.3415

■ 33.5505, 0.1946,
0.2206

Harmonies

Analogous

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



59.7008, 0.2574, 0.3181



59.7008, 0.2528, 0.2925



59.7008, 0.2631, 0.2783

Triad

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



59.7008, 0.2528, 0.2925



59.7008, 0.3494, 0.3093



59.7008, 0.3372, 0.3863

Complementary

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



59.7008, 0.2528, 0.2925



52.4090, 0.3981, 0.3623

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.



59.7008, 0.3635, 0.3804



59.7008, 0.2528, 0.2925



59.7008, 0.3712, 0.3353

Square

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



59.7008, 0.2528, 0.2925



59.7008, 0.3179, 0.2886



59.7008, 0.3764, 0.3611



59.7008, 0.3051, 0.3749

Rectangle

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



59.7008, 0.2528, 0.2925



59.7008, 0.2774, 0.2762



59.7008, 0.3764, 0.3611



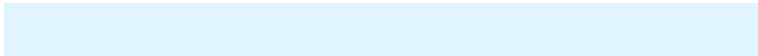
59.7008, 0.3470, 0.3862

Sweetspot

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



59.7031, 0.2528, 0.2925



88.6444, 0.2941, 0.3192



72.8176, 0.2921, 0.4125



18.7245, 0.2920, 0.3180



0.0000, 0.0000, 0.0000



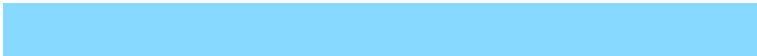
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7031, 0.2528, 0.2925



62.1021, 0.2419, 0.2838



39.8733, 0.2437, 0.2331



17.0386, 0.2981, 0.3214



18.2798, 0.1952, 0.2226



1.6983, 0.1995, 0.2383

Inverse Universe

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



44.4881, 0.3442, 0.2599



43.6490, 0.3529, 0.2466



73.7541, 0.3787, 0.4092



15.9416, 0.3186, 0.3130



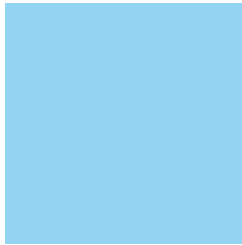
11.6387, 0.4205, 0.2090



0.9862, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 59.7008, 0.2528, 0.2925 looks on a white background.

Color Contrast Check

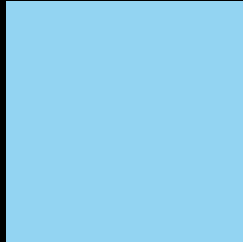
Large Text (above 18pt) WCAG AA × Fail

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 59.7008, 0.2528, 0.2925 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 59.7008, 0.2528, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 59.7008, 0.2528, 0.2925.

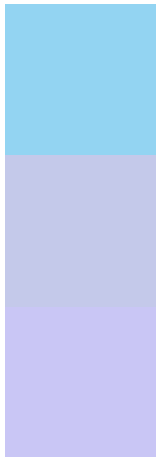


This preview shows how white text looks on a background with the Yxy color 59.7008, 0.2528, 0.2925.

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

59.7008, 0.2528, 0.2925

Protanopia

59.4496, 0.2865, 0.2912

Deuteranopia

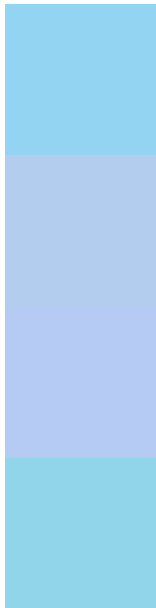
59.3982, 0.2829, 0.2765



Tritanopia

59.7919, 0.2572, 0.3078

Trichromacy



Original Color

59.7008, 0.2528, 0.2925

Protanomaly

59.2420, 0.2728, 0.2913

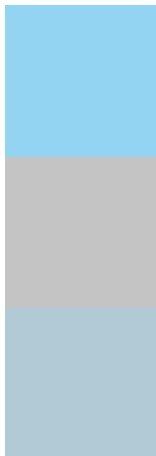
Deuteranomaly

59.0673, 0.2704, 0.2815

Tritanomaly

59.6064, 0.2555, 0.3018

Monochromacy



Original Color

59.7008, 0.2528, 0.2925

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.5101, 0.2874, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7008, 0.2528, 0.2925 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(147, 212, 242)` looks like.

```
.text, #text, p{  
    color:rgb(147, 212, 242)  
}
```

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(147, 212, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 212, 242) }
```

Border

The CSS property to change the border of an element to Yxy 59.7008, 0.2528, 0.2925 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(147, 212, 242) }
```

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

```
.border{ border-color:rgb(147, 212, 242) }
```

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

Here you see how a box with a 4 pixel rgb(147, 212, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(147, 212,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7008, 0.2528, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 212, 242) }
```

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

```
.background{ background-color: rgb(147,  
212, 242) }
```

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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