

Converting Colors

$Y_{xy}(61.1288, 0.2554, 0.2997)$

Have a look what the booklet for
Yxy(61.1288, 0.2554, 0.2997)
contains.

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Color

Yxy(61.1288, 0.2554, 0.2997)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 94D7EF |
| RGB | 148, 215, 239 |
| RGB Percent | 58%, 84%, 94% |
| CMY | 0.4197, 0.1568, 0.0626 |
| CMYK | 0.38, 0.10, 0.00, 0.06 |
| HSL | 196°, 74%, 76% |
| HSV | 196°, 38%, 94% |
| XYZ | 52.0931, 61.1288, 90.7448 |
| YIQ | 197.7030, -47.6360, -6.7400 |

Conversions

Conversions Part 2

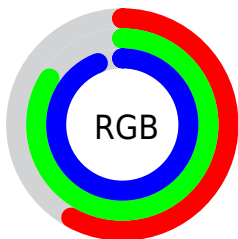
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 148, 187, 239 |
| Decimal | 9754607 |
| CIE Lab | 82.45, -15.16, -18.48 |
| CIE LCh | 82, 23.900, 230.626 |
| Yxy | 61.1288, 0.2554, 0.2997 |
| Android (android.graphics.Color) | 4287944687 (0xFF94D7EF) |
| YUV | 197.7030, 20.3594, -43.5895 |
| Hunter-Lab | 78.1849, -17.8925, -14.0851 |

Details

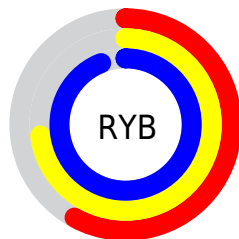
The Yxy color **61.1288, 0.2554, 0.2997** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0012, 0.3967, 0.3561**, and the grayscale version is **56.1766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **30.8877, 0.2420, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **55.9768, 0.2421, 0.2906**, and if you desaturate by 10%, it is **66.8696, 0.2698, 0.3083**.

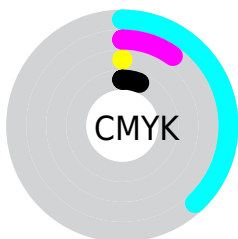
Distribution



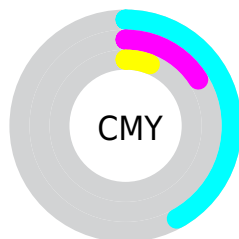
- Red (58%)
- Green (84%)
- Blue (94%)



- Red (58%)
- Yellow (73%)
- Blue (94%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)




- Cyan (42%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1288, 0.2554, 0.2997 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 61.1288, 0.2554, 0.2997 by changing the saturation by 10% instead.


 61.1288, 0.2554,
0.2997


 61.1288, 0.2554,
0.2997


428.7461, 0.2821,
0.3141

 44.3291, 0.2493,
0.2962


 106.4654, 0.2647,
0.3049

 30.9293, 0.2417,
0.2918

 135.7711, 0.2683,
0.3068

 20.5450, 0.2321,
0.2861


170.0143, 0.2714,
0.3085

 12.7919, 0.2196,
0.2783

209.5794, 0.2741,
0.3099

 7.2854, 0.2026,
0.2673

254.8507, 0.2765,
0.3112

 3.6412, 0.1787,
0.2507

306.2126, 0.2786,

 1.4750, 0.1428,

0.3123

0.2232

364.0496, 0.2805,
0.3132

0.2710, 0.0000,
0.1354

0.0000, 0.0000,
0.0000

61.1288, 0.2554,
0.2997

61.1288, 0.2554,
0.2997

55.9768, 0.2421,
0.2906

66.8696, 0.2698,
0.3083

51.3766, 0.2301,
0.2810

73.2197, 0.2848,
0.3163

47.2975, 0.2198,
0.2711

80.2067, 0.3002,
0.3236

43.7020, 0.2114,
0.2611

87.8546, 0.3156,
0.3302

■ 40.5461, 0.2051,
0.2512

■ 93.7398, 0.3227,
0.3363

■ 37.7692, 0.2006,
0.2413

■ 97.6543, 0.3222,
0.3423

■ 37.2676, 0.1999,
0.2395

■ 99.0144, 0.3220,
0.3444

Harmonies

Analogous

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



61.1288, 0.2634, 0.3261



61.1288, 0.2554, 0.2997



61.1288, 0.2617, 0.2830

Triad

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



61.1288, 0.2554, 0.2997



61.1288, 0.3405, 0.3046



61.1288, 0.3432, 0.3835

Complementary

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



61.1288, 0.2554, 0.2997



50.0012, 0.3967, 0.3561

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.



61.1288, 0.3656, 0.3742



61.1288, 0.2554, 0.2997



61.1288, 0.3643, 0.3286

Square

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



61.1288, 0.2554, 0.2997



61.1288, 0.3097, 0.2867



61.1288, 0.3736, 0.3538



61.1288, 0.3134, 0.3768

Rectangle

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



61.1288, 0.2554, 0.2997



61.1288, 0.2733, 0.2788



61.1288, 0.3736, 0.3538



61.1288, 0.3519, 0.3820

Sweetspot

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



61.1312, 0.2554, 0.2997



90.4303, 0.2957, 0.3215



70.9797, 0.2951, 0.4155



19.1172, 0.2936, 0.3205



0.0000, 0.0000, 0.0000



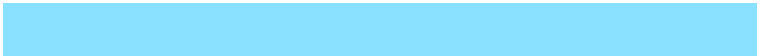
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1312, 0.2554, 0.2997



65.9325, 0.2446, 0.2924



41.5539, 0.2469, 0.2425



17.1819, 0.2981, 0.3226



20.8128, 0.2003, 0.2411



1.8928, 0.2039, 0.2540

Inverse Universe

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



44.4344, 0.3385, 0.2573



44.7352, 0.3459, 0.2427



69.7462, 0.3783, 0.4024



15.9560, 0.3178, 0.3118



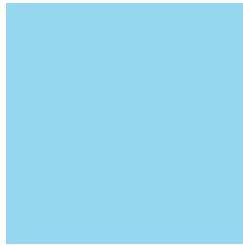
11.8944, 0.4012, 0.1984



1.0058, 0.3883, 0.1912

Previews

White Background



This preview shows how the Yxy color 61.1288, 0.2554, 0.2997 looks on a white background.

Color Contrast Check

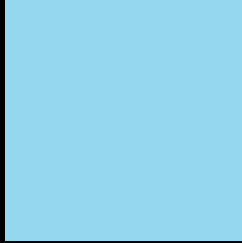
Large Text (above 18pt) WCAG AA × Fail

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 61.1288, 0.2554, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

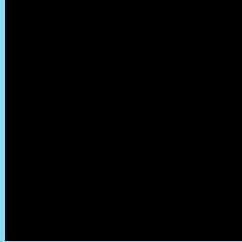
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1288, 0.2554, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 61.1288, 0.2554, 0.2997.



This preview shows how white text looks on a background with the Yxy color 61.1288, 0.2554, 0.2997.

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

61.1288, 0.2554, 0.2997

Protanopia

60.7608, 0.2914, 0.2970

Deuteranopia

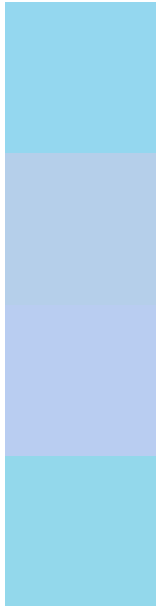
60.8412, 0.2884, 0.2824



Tritanopia

61.1059, 0.2576, 0.3080

Trichromacy



Original Color

61.1288, 0.2554, 0.2997

Protanomaly

60.3899, 0.2767, 0.2973

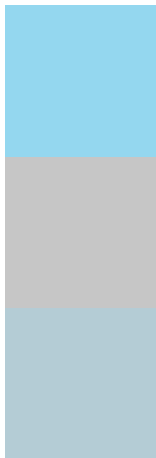
Deuteranomaly

60.3278, 0.2750, 0.2875

Tritanomaly

61.3129, 0.2571, 0.3056

Monochromacy



Original Color

61.1288, 0.2554, 0.2997

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.6931, 0.2889, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1288, 0.2554, 0.2997 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(148, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(148, 215, 239)  
}
```

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(148, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 215, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.1288, 0.2554, 0.2997 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(148, 215, 239) }
```

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

```
.border{ border-color:rgb(148, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(148, 215,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1288, 0.2554, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 215, 239) }
```

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

```
.background{ background-color: rgb(148,  
215, 239) }
```

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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