

Converting Colors

$Yxy(61.7489, 0.2599, 0.3097)$

Have a look what the booklet for
Yxy(61.7489, 0.2599, 0.3097)
contains.

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Color

Yxy(61.8415, 0.2599, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	95D9E8
RGB	149, 217, 232
RGB Percent	58%, 85%, 91%
CMY	0.4160, 0.1490, 0.0901
CMYK	0.36, 0.06, 0.00, 0.09
HSL	191°, 64%, 75%
HSV	191°, 36%, 91%
XYZ	51.7636, 61.8415, 85.5623
YIQ	198.3780, -45.3430, -9.7510

Conversions

Conversions Part 2

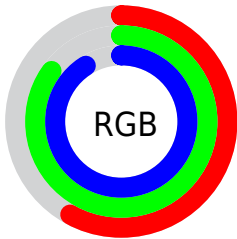
Format	Color
R_{YB}	149, 186, 232
Decimal	9820648
CIE _{Lab}	82.83, -17.67, -14.17
CIE _{LCh}	83, 22.646, 218.719
Yxy	61.8415, 0.2599, 0.3105
Android (android.graphics.Color)	4288010728 (0xFF95D9E8)
YUV	198.3780, 16.5756, -43.3045
Hunter-Lab	78.6394, -20.1229, -9.4620

Details

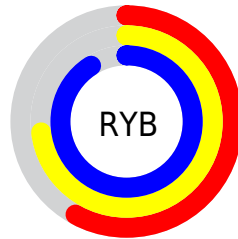
The Yxy color **61.8415, 0.2599, 0.3105** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8491, 0.3927, 0.3465**, and the grayscale version is **56.6240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **31.3549, 0.2475, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **57.7441, 0.2472, 0.3045**, and if you desaturate by 10%, it is **66.4331, 0.2738, 0.3162**.

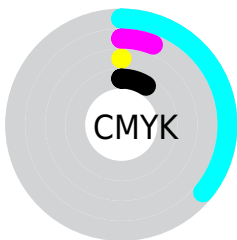
Distribution



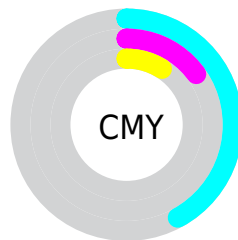
- Red (58%)
- Green (85%)
- Blue (91%)



- Red (58%)
- Yellow (73%)
- Blue (91%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)





- Cyan (42%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8415, 0.2599, 0.3105 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 61.8415, 0.2599, 0.3105 by changing the saturation by 10% instead.

 61.8415, 0.2599,
0.3105


 61.8415, 0.2599,
0.3105


431.3527, 0.2846,
0.3198

 44.9046, 0.2542,
0.3082


 107.4964, 0.2685,
0.3139

 31.3823, 0.2472,
0.3053

 136.9833, 0.2718,
0.3151

 20.8901, 0.2383,
0.3014

171.4222, 0.2747,
0.3162

 13.0437, 0.2266,
0.2961

211.1977, 0.2772,
0.3171

 7.4587, 0.2108,
0.2885

256.6941, 0.2794,
0.3179

 3.7506, 0.1880,
0.2765

308.2958, 0.2813,

 1.5350, 0.1534,

0.3186

0.2557

366.3872, 0.2830,
0.3192

0.3132, 0.0000,
0.1850

0.0000, 0.0000,
0.0000

61.8415, 0.2599,
0.3105

61.8415, 0.2599,
0.3105

57.7441, 0.2472,
0.3045

66.4331, 0.2738,
0.3162

54.1074, 0.2360,
0.2982

71.5359, 0.2885,
0.3215

50.9045, 0.2264,
0.2917

77.1747, 0.3037,
0.3264

48.1027, 0.2188,
0.2851

83.3706, 0.3192,
0.3308

■ 45.6637, 0.2132,
0.2785

■ 88.2108, 0.3279,
0.3349

■ 43.5404, 0.2094,
0.2720

■ 90.6774, 0.3275,
0.3390

■ 42.7127, 0.2082,
0.2693

■ 93.2010, 0.3270,
0.3430

■ 95.7821, 0.3266,
0.3470

■ 98.4211, 0.3262,
0.3510

Harmonies

Analogous

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



61.8415, 0.2727, 0.3373



61.8415, 0.2599, 0.3105



61.8415, 0.2605, 0.2905

Triad

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



61.8415, 0.2599, 0.3105



61.8415, 0.3277, 0.2982



61.8415, 0.3512, 0.3786

Complementary

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



61.8415, 0.2599, 0.3105



45.8491, 0.3927, 0.3465

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.



61.8415, 0.3675, 0.3651



61.8415, 0.2599, 0.3105



61.8415, 0.3538, 0.3192

Square

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



61.8415, 0.2599, 0.3105



61.8415, 0.2985, 0.2847



61.8415, 0.3686, 0.3433



61.8415, 0.3249, 0.3784

Rectangle

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



61.8415, 0.2599, 0.3105



61.8415, 0.2683, 0.2833



61.8415, 0.3686, 0.3433



61.8415, 0.3581, 0.3754

Sweetspot

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



61.8439, 0.2599, 0.3105



91.8748, 0.2957, 0.3239



66.7403, 0.2999, 0.4185



19.4630, 0.2936, 0.3232



0.0000, 0.0000, 0.0000



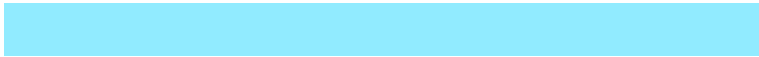
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8439, 0.2599, 0.3105



72.8073, 0.2504, 0.3061



43.5045, 0.2526, 0.2580



15.8706, 0.2981, 0.3247



23.8787, 0.2085, 0.2704



1.8804, 0.2111, 0.2799

Inverse Universe

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



43.6400, 0.3301, 0.2548



47.6281, 0.3347, 0.2399



62.6630, 0.3765, 0.3908



14.5682, 0.3165, 0.3100



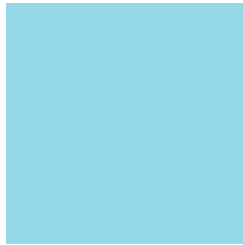
11.6083, 0.3724, 0.1825



0.8695, 0.3636, 0.1777

Previews

White Background



This preview shows how the Yxy color 61.8415, 0.2599, 0.3105 looks on a white background.

Color Contrast Check

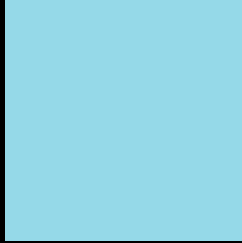
Large Text (above 18pt) WCAG AA × Fail

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 61.8415, 0.2599, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

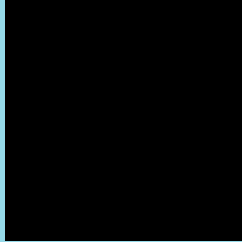
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8415, 0.2599, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 61.8415, 0.2599, 0.3105.



This preview shows how white text looks on a background with the Yxy color 61.8415, 0.2599, 0.3105.

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

61.8415, 0.2599, 0.3105

Protanopia

61.4049, 0.2989, 0.3062

Deuteranopia

61.2136, 0.2959, 0.2891



Tritanopia

61.9558, 0.2589, 0.3081

Trichromacy



Original Color

61.8415, 0.2599, 0.3105

Protanomaly

61.3373, 0.2831, 0.3078

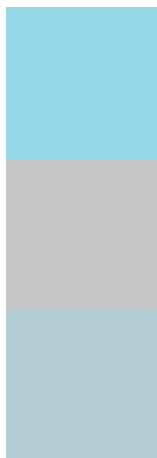
Deuteranomaly

60.8321, 0.2807, 0.2954

Tritanomaly

61.8985, 0.2594, 0.3093

Monochromacy



Original Color

61.8415, 0.2599, 0.3105

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.0191, 0.2909, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8415, 0.2599, 0.3105 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(149, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(149, 217, 232)  
}
```

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(149, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 217, 232) }
```

Border

The CSS property to change the border of an element to Yxy 61.8415, 0.2599, 0.3105 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(149, 217, 232) }
```

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

```
.border{ border-color:rgb(149, 217, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 217, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(149, 217,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8415, 0.2599, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 217, 232) }
```

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

```
.background{ background-color: rgb(149,  
217, 232) }
```

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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