

Converting Colors

$Yxy(59.7997, 0.2728, 0.3095)$

Have a look what the booklet for
Yxy(59.7997, 0.2728, 0.3095)
contains.

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Color

Yxy(59.7997, 0.2728, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	A7D2E2
RGB	167, 210, 226
RGB Percent	65%, 82%, 89%
CMY	0.3451, 0.1764, 0.1138
CMYK	0.26, 0.07, 0.00, 0.11
HSL	196°, 50%, 77%
HSV	196°, 26%, 89%
XYZ	52.7088, 59.7997, 80.7054
YIQ	198.9670, -30.7640, -4.1400

Conversions

Conversions Part 2

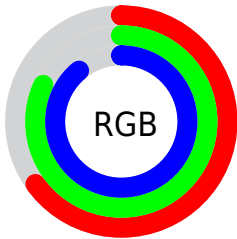
Format	Color
R _{YB}	167, 192, 226
Decimal	10998498
CIE _{Lab}	81.73, -10.46, -12.50
CIE _{LCh}	82, 16.299, 230.084
Yxy	59.7997, 0.2728, 0.3095
Android (android.graphics.Color)	4289188578 (0xFFA7D2E2)
YUV	198.9670, 13.3273, -28.0351
Hunter-Lab	77.3303, -13.6613, -7.7466

Details

The Yxy color **59.7997, 0.2728, 0.3095** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8168, 0.3638, 0.3477**, and the grayscale version is **57.0242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **30.2279, 0.2624, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **54.5862, 0.2583, 0.3008**, and if you desaturate by 10%, it is **65.5638, 0.2879, 0.3175**.

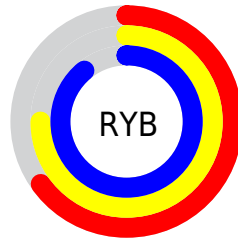
Distribution



Red (65%)

Green (82%)

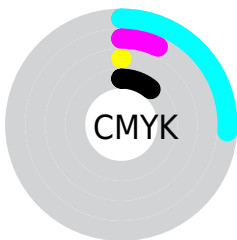
Blue (89%)



Red (65%)

Yellow (75%)

Blue (89%)

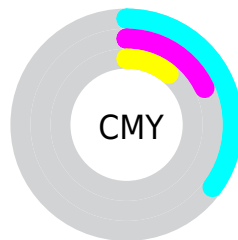


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7997, 0.2728, 0.3095 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 59.7997, 0.2728, 0.3095 by changing the saturation by 10% instead.

 59.7997, 0.2728,
0.3095

 59.7997, 0.2728,
0.3095


423.8591, 0.2917,
0.3191

 43.2572, 0.2684,
0.3072


 104.5391, 0.2794,
0.3129

 30.0870, 0.2629,
0.3042


 133.5047, 0.2820,
0.3142

 19.9046, 0.2559,
0.3004


167.3802, 0.2842,
0.3153

 12.3257, 0.2466,
0.2951

206.5499, 0.2861,
0.3163

 6.9659, 0.2338,
0.2876

251.3983, 0.2877,
0.3171

 3.4408, 0.2149,
0.2760

302.3097, 0.2892,

 1.3660, 0.1848,

0.3179

0.2559

359.6685, 0.2905,
0.3185

0.1914, 0.0000,
0.1497

0.0000, 0.0000,
0.0000

59.7997, 0.2728,
0.3095

59.7997, 0.2728,
0.3095

54.5862, 0.2583,
0.3008

65.5638, 0.2879,
0.3175

49.8923, 0.2446,
0.2916

71.8932, 0.3033,
0.3249

45.6949, 0.2323,
0.2818

78.8110, 0.3187,
0.3315

41.9655, 0.2216,
0.2718

85.8792, 0.3322,
0.3375

■ 38.6724, 0.2127,
0.2615

■ 89.4359, 0.3314,
0.3435

■ 35.7786, 0.2058,
0.2513

■ 93.1143, 0.3307,
0.3494

■ 33.2383, 0.2009,
0.2412

■ 96.9157, 0.3300,
0.3552

■ 32.3138, 0.1992,
0.2373

■ 98.2703, 0.3298,
0.3572

Harmonies

Analogous

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



59.7997, 0.2787, 0.3277



59.7997, 0.2728, 0.3095



59.7997, 0.2771, 0.2974

Triad

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



59.7997, 0.2728, 0.3095



59.7997, 0.3315, 0.3118



59.7997, 0.3343, 0.3661

Complementary

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



59.7997, 0.2728, 0.3095



52.8168, 0.3638, 0.3477

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.



59.7997, 0.3493, 0.3602



59.7997, 0.2728, 0.3095



59.7997, 0.3478, 0.3288

Square

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



59.7997, 0.2728, 0.3095



59.7997, 0.3105, 0.2992



59.7997, 0.3544, 0.3464



59.7997, 0.3138, 0.3614

Rectangle

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



59.7997, 0.2728, 0.3095



59.7997, 0.2852, 0.2941



59.7997, 0.3544, 0.3464



59.7997, 0.3402, 0.3653

Sweetspot

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



59.8021, 0.2728, 0.3095



92.8583, 0.3003, 0.3235



66.0090, 0.2997, 0.3830



19.6000, 0.2980, 0.3224



0.0000, 0.0000, 0.0000



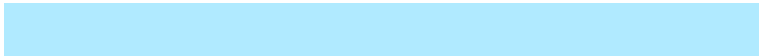
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8021, 0.2728, 0.3095



75.0526, 0.2653, 0.3051



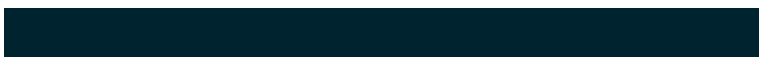
46.6584, 0.2693, 0.2724



14.9113, 0.2982, 0.3225



18.6439, 0.1997, 0.2389



1.4383, 0.2040, 0.2544

Inverse Universe

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



48.4583, 0.3291, 0.2807



58.2076, 0.3332, 0.2711



66.1556, 0.3556, 0.3799



13.8689, 0.3179, 0.3121



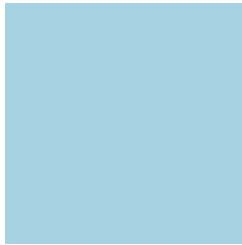
10.7902, 0.4035, 0.1996



0.7627, 0.3879, 0.1910

Previews

White Background



This preview shows how the Yxy color 59.7997, 0.2728, 0.3095 looks on a white background.

Color Contrast Check

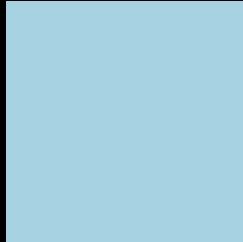
Large Text (above 18pt) WCAG AA × Fail

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 59.7997, 0.2728, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

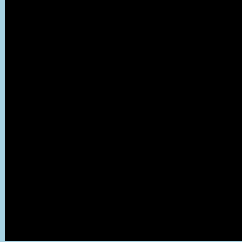
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7997, 0.2728, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 59.7997, 0.2728, 0.3095.



This preview shows how white text looks on a background with the Yxy color 59.7997, 0.2728, 0.3095.

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

59.7997, 0.2728, 0.3095

Protanopia

59.4113, 0.2987, 0.3058

Deuteranopia

59.2913, 0.2999, 0.2930



Tritanopia

59.8547, 0.2722, 0.3083

Trichromacy



Original Color

59.7997, 0.2728, 0.3095

Protanomaly

59.3323, 0.2888, 0.3065

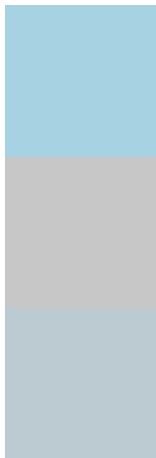
Deuteranomaly

59.3118, 0.2890, 0.2988

Tritanomaly

59.8547, 0.2722, 0.3083

Monochromacy



Original Color

59.7997, 0.2728, 0.3095

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8801, 0.2966, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7997, 0.2728, 0.3095 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(167, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(167, 210, 226)  
}
```

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(167, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 210, 226) }
```

Border

The CSS property to change the border of an element to Yxy 59.7997, 0.2728, 0.3095 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(167, 210, 226) }
```

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

```
.border{ border-color:rgb(167, 210, 226) }
```

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

Here you see how a box with a 4 pixel rgb(167, 210, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(167, 210,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7997, 0.2728, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 210, 226) }
```

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

```
.background{ background-color: rgb(167,  
210, 226) }
```

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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