

Converting Colors

$Yxy(61.5264, 0.2794, 0.3108)$

Have a look what the booklet for
Yxy(61.5264, 0.2794, 0.3108)
contains.

Yxy(61.4266, 0.2793, 0.3111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.4266, 0.2793, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	B1D3E2
RGB	177, 211, 226
RGB Percent	69%, 83%, 89%
CMY	0.3059, 0.1725, 0.1139
CMYK	0.22, 0.07, 0.00, 0.11
HSL	198°, 46%, 79%
HSV	198°, 22%, 89%
XYZ	55.1477, 61.4266, 80.8754
YIQ	202.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

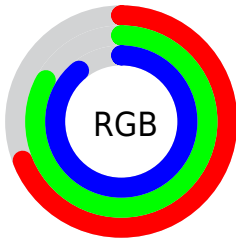
Format	Color
R _Y B	177, 197, 226
Decimal	11654114
CIE Lab	82.61, -8.00, -11.11
CIE LCh	83, 13.695, 234.240
Yxy	61.4266, 0.2793, 0.3111
Android (android.graphics.Color)	4289844194 (0xFFB1D3E2)
YUV	202.5440, 11.5638, -22.4021
Hunter-Lab	78.3751, -11.5571, -6.3188

Details

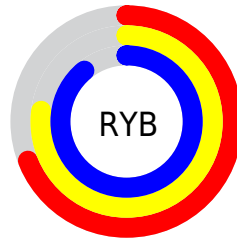
The Yxy color **61.4266, 0.2793, 0.3111** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0139, 0.3530, 0.3462**, and the grayscale version is **59.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **31.0023, 0.2711, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **55.6361, 0.2642, 0.3016**, and if you desaturate by 10%, it is **67.8086, 0.2947, 0.3198**.

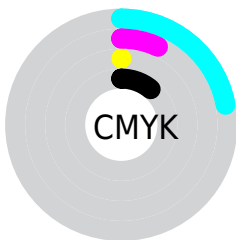
Distribution



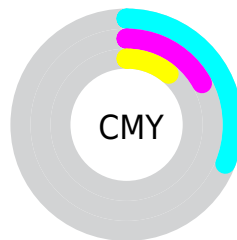
- Red (69%)
- Green (83%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4266, 0.2793, 0.3111 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 61.4266, 0.2793, 0.3111 by changing the saturation by 10% instead.

■ 61.4266, 0.2793,
0.3111

■ 61.4266, 0.2793,
0.3111

429.8364, 0.2951,
0.3198

■ 44.5695, 0.2756,
0.3090

■ 106.8964, 0.2848,
0.3142

■ 31.1185, 0.2711,
0.3064

136.2779, 0.2870,
0.3154

■ 20.6891, 0.2652,
0.3030

170.6030, 0.2888,
0.3164

■ 12.8969, 0.2574,
0.2983

210.2561, 0.2904,
0.3173

■ 7.3576, 0.2467,
0.2917

255.6216, 0.2918,
0.3180

■ 3.6867, 0.2309,
0.2817

307.0839, 0.2930,

■ 1.4999, 0.2056,

0.3187

0.2645

365.0274, 0.2941,
0.3193

0.2887, 0.0539,
0.1971

0.0000, 0.0000,
0.0000

61.4266, 0.2793,
0.3111

61.4266, 0.2793,
0.3111

55.6361, 0.2642,
0.3016

67.8086, 0.2947,
0.3198

50.4062, 0.2498,
0.2914

74.7966, 0.3101,
0.3278

45.7141, 0.2365,
0.2805

82.4137, 0.3254,
0.3349

41.5321, 0.2245,
0.2692

88.2553, 0.3317,
0.3415

■ 37.8296, 0.2142,
0.2576

■ 92.3646, 0.3309,
0.3482

■ 34.5715, 0.2059,
0.2459

■ 96.6298, 0.3301,
0.3548

■ 31.7161, 0.1997,
0.2343

■ 98.2691, 0.3298,
0.3572

■ 29.5896, 0.1958,
0.2248

Harmonies

Analogous

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



61.4266, 0.2831, 0.3258



61.4266, 0.2793, 0.3111



61.4266, 0.2841, 0.3018

Triad

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



61.4266, 0.2793, 0.3111



61.4266, 0.3306, 0.3164



61.4266, 0.3286, 0.3598

Complementary

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



61.4266, 0.2793, 0.3111



57.0139, 0.3530, 0.3462

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.



61.4266, 0.3419, 0.3562



61.4266, 0.2793, 0.3111



61.4266, 0.3432, 0.3310

Square

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



61.4266, 0.2793, 0.3111



61.4266, 0.3134, 0.3052



61.4266, 0.3473, 0.3455



61.4266, 0.3113, 0.3546

Rectangle

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



61.4266, 0.2793, 0.3111



61.4266, 0.2916, 0.2996



61.4266, 0.3473, 0.3455



61.4266, 0.3337, 0.3596

Sweetspot

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



61.4291, 0.2793, 0.3111



93.3416, 0.3019, 0.3236



67.5120, 0.3009, 0.3707



19.8601, 0.3009, 0.3231



0.0000, 0.0000, 0.0000



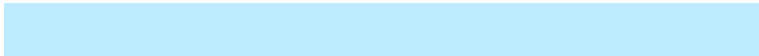
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4291, 0.2793, 0.3111



77.2760, 0.2725, 0.3069



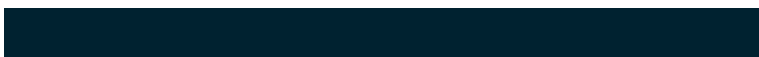
50.2862, 0.2772, 0.2811



14.8289, 0.2982, 0.3217



17.1054, 0.1963, 0.2266



1.3415, 0.2012, 0.2442

Inverse Universe

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



52.3086, 0.3273, 0.2910



63.5102, 0.3310, 0.2828



68.5365, 0.3474, 0.3727



13.8606, 0.3184, 0.3129



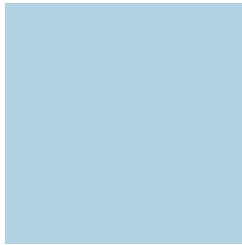
10.6348, 0.4162, 0.2067



0.7529, 0.3980, 0.1966

Previews

White Background



This preview shows how the Yxy color 61.4266, 0.2793, 0.3111 looks on a white background.

Color Contrast Check

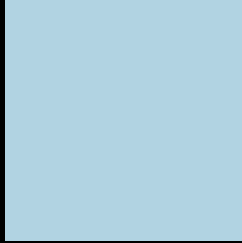
Large Text (above 18pt) WCAG AA × Fail

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 61.4266, 0.2793, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

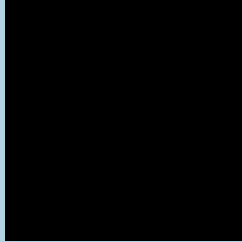
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4266, 0.2793, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 61.4266, 0.2793, 0.3111.



This preview shows how white text looks on a background with the Yxy color 61.4266, 0.2793, 0.3111.

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

61.4266, 0.2793, 0.3111

Protanopia

61.2970, 0.3002, 0.3084

Deuteranopia

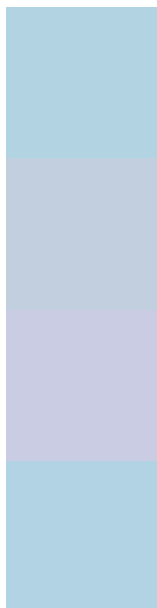
61.2061, 0.3036, 0.2978



Tritanopia

61.5371, 0.2781, 0.3087

Trichromacy



Original Color

61.4266, 0.2793, 0.3111

Protanomaly

61.4227, 0.2924, 0.3103

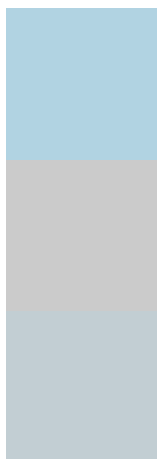
Deuteranomaly

61.1493, 0.2947, 0.3027

Tritanomaly

61.4817, 0.2787, 0.3099

Monochromacy



Original Color

61.4266, 0.2793, 0.3111

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3151, 0.3003, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4266, 0.2793, 0.3111 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(177, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(177, 211, 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(177, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 211, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.4266, 0.2793, 0.3111 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(177, 211, 226) }
```

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

```
.border{ border-color:rgb(177, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(177, 211,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4266, 0.2793, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 211, 226) }
```

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

```
.background{ background-color: rgb(177,  
211, 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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