

Converting Colors

Yxy(60.4629, 0.2775, 0.3116)

Have a look what the booklet for
Yxy(60.4629, 0.2775, 0.3116)
contains.

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Color

Yxy(60.4137, 0.2772, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	ADD2E1
RGB	173, 210, 225
RGB Percent	68%, 82%, 88%
CMY	0.3216, 0.1764, 0.1177
CMYK	0.23, 0.07, 0.00, 0.12
HSL	197°, 46%, 78%
HSV	197°, 23%, 88%
XYZ	53.8652, 60.4137, 80.0399
YIQ	200.6470, -26.8670, -3.1790

Conversions

Conversions Part 2

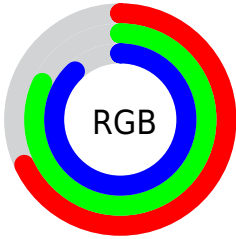
Format	Color
R _{YB}	173, 195, 225
Decimal	11391713
CIE Lab	82.06, -8.91, -11.43
CIE LCh	82, 14.492, 232.048
Yxy	60.4137, 0.2772, 0.3109
Android (android.graphics.Color)	4289581793 (0xFFADD2E1)
YUV	200.6470, 12.0060, -24.2464
Hunter-Lab	77.7263, -12.3184, -6.6465

Details

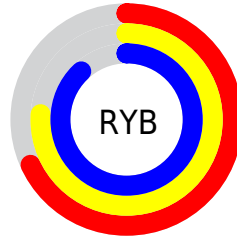
The Yxy color $60.4137, 0.2772, 0.3109$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $54.9660, 0.3564, 0.3464$, and the grayscale version is $58.1144, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.3980, 0.2970, 0.3290$, and $30.6723, 0.2686, 0.3064$ is the 20% darker color. If you saturate the color by 10%, you get $54.9303, 0.2623, 0.3019$, and if you desaturate by 10%, it is $66.4633, 0.2925, 0.3192$.

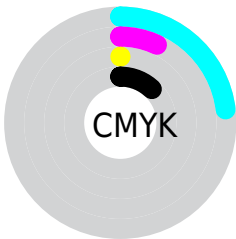
Distribution



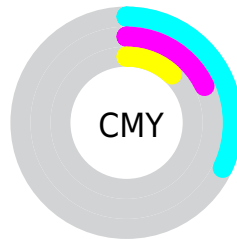
- Red (68%)
- Green (82%)
- Blue (88%)



- Red (68%)
- Yellow (76%)
- Blue (88%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4137, 0.2772, 0.3109 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 60.4137, 0.2772, 0.3109 by changing the saturation by 10% instead.

■ 60.4137, 0.2772,
0.3109

■ 60.4137, 0.2772,
0.3109

426.1210, 0.2940,
0.3197

■ 43.7522, 0.2733,
0.3088

■ 105.4296, 0.2831,
0.3141

■ 30.4757, 0.2684,
0.3061

134.5527, 0.2854,
0.3153

■ 20.2000, 0.2621,
0.3025

168.5985, 0.2873,
0.3163

■ 12.5405, 0.2538,
0.2978

207.9513, 0.2890,
0.3172

■ 7.1129, 0.2423,
0.2909

252.9956, 0.2905,
0.3179

■ 3.5328, 0.2254,
0.2804

304.1157, 0.2918,

■ 1.4158, 0.1982,

0.3186

0.2623

361.6960, 0.2930,
0.3192

0.2283, 0.0000,
0.1786

0.0000, 0.0000,
0.0000

60.4137, 0.2772,
0.3109

60.4137, 0.2772,
0.3109

54.9303, 0.2623,
0.3019

66.4633, 0.2925,
0.3192

49.9825, 0.2482,
0.2922

73.0933, 0.3079,
0.3268

45.5478, 0.2353,
0.2819

80.3264, 0.3232,
0.3336

41.5988, 0.2238,
0.2713

86.6378, 0.3327,
0.3399

■ 38.1049, 0.2141,
0.2604

■ 90.4332, 0.3319,
0.3462

■ 35.0310, 0.2063,
0.2494

■ 94.3653, 0.3311,
0.3524

■ 32.3349, 0.2006,
0.2385

■ 98.2151, 0.3304,
0.3582

■ 30.6517, 0.1976,
0.2312

Harmonies

Analogous

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



60.4137, 0.2819, 0.3268



60.4137, 0.2772, 0.3109



60.4137, 0.2816, 0.3005

Triad

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



60.4137, 0.2772, 0.3109



60.4137, 0.3305, 0.3146



60.4137, 0.3308, 0.3618

Complementary

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



60.4137, 0.2772, 0.3109



54.9660, 0.3564, 0.3464

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.



60.4137, 0.3445, 0.3573



60.4137, 0.2772, 0.3109



60.4137, 0.3444, 0.3299

Square

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



60.4137, 0.2772, 0.3109



60.4137, 0.3120, 0.3030



60.4137, 0.3496, 0.3455



60.4137, 0.3125, 0.3570

Rectangle

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



60.4137, 0.2772, 0.3109



60.4137, 0.2892, 0.2979



60.4137, 0.3496, 0.3455



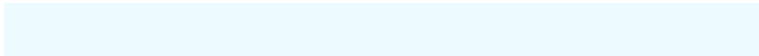
60.4137, 0.3361, 0.3613

Sweetspot

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



60.4162, 0.2772, 0.3109



93.5356, 0.3019, 0.3239



66.3398, 0.3006, 0.3749



19.9051, 0.3009, 0.3235



0.0000, 0.0000, 0.0000



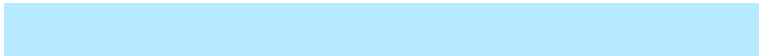
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4162, 0.2772, 0.3109



76.4614, 0.2696, 0.3064



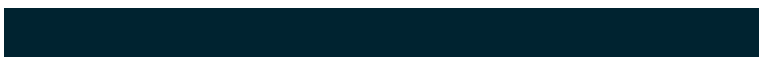
48.7020, 0.2747, 0.2786



14.8708, 0.2982, 0.3221



17.8761, 0.1980, 0.2328



1.3902, 0.2026, 0.2494

Inverse Universe

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



50.5386, 0.3277, 0.2874



61.3412, 0.3317, 0.2779



66.9686, 0.3501, 0.3748



13.8648, 0.3182, 0.3125



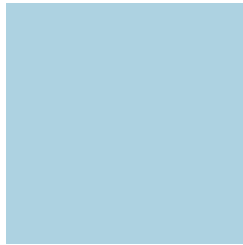
10.7126, 0.4097, 0.2031



0.7578, 0.3928, 0.1938

Previews

White Background



This preview shows how the Yxy color 60.4137, 0.2772, 0.3109 looks on a white background.

Color Contrast Check

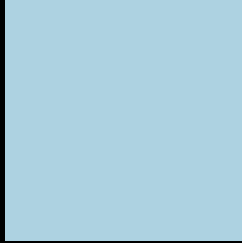
Large Text (above 18pt) WCAG AA × Fail

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 60.4137, 0.2772, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

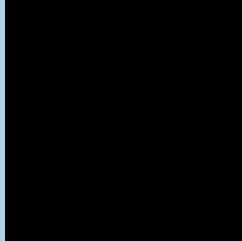
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4137, 0.2772, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 60.4137, 0.2772, 0.3109.



This preview shows how white text looks on a background with the Yxy color 60.4137, 0.2772, 0.3109.

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

60.4137, 0.2772, 0.3109

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

59.9313, 0.3028, 0.2965



Tritanopia

60.5235, 0.2760, 0.3085

Trichromacy



Original Color

60.4137, 0.2772, 0.3109

Protanomaly

60.0129, 0.2909, 0.3090

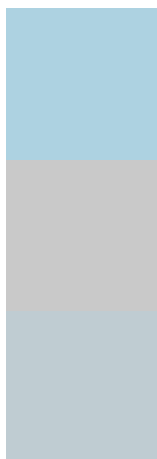
Deuteranomaly

59.7378, 0.2932, 0.3013

Tritanomaly

60.4684, 0.2766, 0.3097

Monochromacy



Original Color

60.4137, 0.2772, 0.3109

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9152, 0.2988, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4137, 0.2772, 0.3109 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(173, 210, 225)` looks like.

```
.text, #text, p{  
    color:rgb(173, 210, 225)  
}
```

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(173, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 210, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.4137, 0.2772, 0.3109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

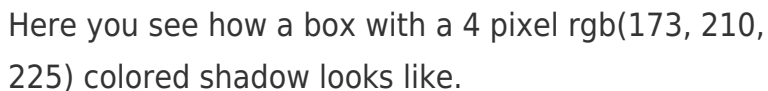
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 210, 225) }
```

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

```
.border{ border-color:rgb(173, 210, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 210, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(173, 210,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4137, 0.2772, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 210, 225) }
```

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

```
.background{ background-color: rgb(173,  
210, 225) }
```

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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