

Converting Colors

$Yxy(61.0371, 0.2768, 0.3122)$

Have a look what the booklet for
Yxy(61.0371, 0.2768, 0.3122)
contains.

Yxy(60.7954, 0.2767, 0.3121)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7954, 0.2767, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	ACD3E1
RGB	172, 211, 225
RGB Percent	67%, 83%, 88%
CMY	0.3253, 0.1725, 0.1178
CMYK	0.24, 0.06, 0.00, 0.12
HSL	196°, 47%, 78%
HSV	196°, 24%, 88%
XYZ	53.8997, 60.7954, 80.0995
YIQ	200.9350, -27.7380, -3.9140

Conversions

Conversions Part 2

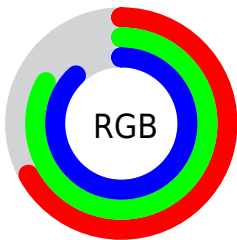
Format	Color
R _Y B	172, 194, 225
Decimal	11326433
CIE Lab	82.27, -9.71, -11.12
CIE LCh	82, 14.762, 228.857
Yxy	60.7954, 0.2767, 0.3121
Android (android.graphics.Color)	4289516513 (0xFFACD3E1)
YUV	200.9350, 11.8640, -25.3760
Hunter-Lab	77.9714, -13.0574, -6.3283

Details

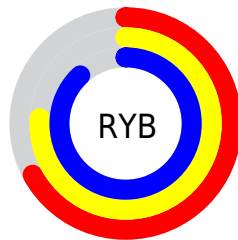
The Yxy color **60.7954, 0.2767, 0.3121** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0993, 0.3577, 0.3453**, and the grayscale version is **58.3085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **30.6012, 0.2678, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **55.5689, 0.2620, 0.3038**, and if you desaturate by 10%, it is **66.5665, 0.2919, 0.3197**.

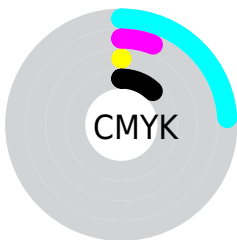
Distribution



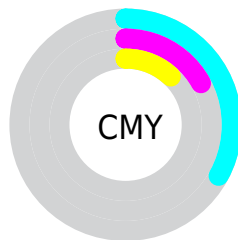
- Red (67%)
- Green (83%)
- Blue (88%)



- Red (67%)
- Yellow (76%)
- Blue (88%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7954, 0.2767, 0.3121 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 60.7954, 0.2767, 0.3121 by changing the saturation by 10% instead.

■ 60.7954, 0.2767,
0.3121

■ 60.7954, 0.2767,
0.3121

427.5234, 0.2937,
0.3204

■ 44.0601, 0.2727,
0.3101

■ 105.9826, 0.2827,
0.3151

■ 30.7177, 0.2678,
0.3076

135.2033, 0.2850,
0.3162

■ 20.3840, 0.2615,
0.3042

169.3546, 0.2869,
0.3171

■ 12.6745, 0.2531,
0.2997

208.8208, 0.2887,
0.3180

■ 7.2048, 0.2415,
0.2933

253.9865, 0.2902,
0.3187

■ 3.5905, 0.2245,
0.2833

305.2358, 0.2915,

■ 1.4472, 0.1972,

0.3193

0.2661

362.9533, 0.2927,
0.3199

0.2512, 0.0012,
0.1923

0.0000, 0.0000,
0.0000

60.7954, 0.2767,
0.3121

60.7954, 0.2767,
0.3121

55.5689, 0.2620,
0.3038

66.5665, 0.2919,
0.3197

50.8569, 0.2482,
0.2950

72.8963, 0.3073,
0.3267

46.6371, 0.2356,
0.2856

79.8071, 0.3226,
0.3330

42.8823, 0.2245,
0.2759

85.9613, 0.3328,
0.3387

■ 39.5621, 0.2152,
0.2660

■ 89.4115, 0.3321,
0.3445

■ 36.6416, 0.2079,
0.2560

■ 92.9761, 0.3314,
0.3502

■ 34.0787, 0.2026,
0.2462

■ 96.6562, 0.3307,
0.3559

■ 32.5670, 0.2000,
0.2399

■ 98.2141, 0.3304,
0.3582

Harmonies

Analogous

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



60.7954, 0.2825, 0.3286



60.7954, 0.2767, 0.3121



60.7954, 0.2802, 0.3008

Triad

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



60.7954, 0.2767, 0.3121



60.7954, 0.3289, 0.3129



60.7954, 0.3329, 0.3623

Complementary

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



60.7954, 0.2767, 0.3121



54.0993, 0.3577, 0.3453

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.



60.7954, 0.3460, 0.3568



60.7954, 0.2767, 0.3121



60.7954, 0.3438, 0.3282

Square

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



60.7954, 0.2767, 0.3121



60.7954, 0.3100, 0.3017



60.7954, 0.3501, 0.3442



60.7954, 0.3146, 0.3585

Rectangle

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



60.7954, 0.2767, 0.3121



60.7954, 0.2874, 0.2975



60.7954, 0.3501, 0.3442



60.7954, 0.3381, 0.3615

Sweetspot

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



60.7979, 0.2767, 0.3121



93.8026, 0.3019, 0.3243



66.1189, 0.3015, 0.3781



19.9671, 0.3009, 0.3239



0.0000, 0.0000, 0.0000



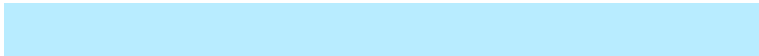
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7979, 0.2767, 0.3121



77.4466, 0.2698, 0.3083



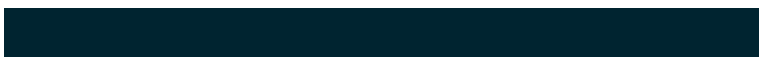
49.0200, 0.2741, 0.2798



14.9284, 0.2982, 0.3227



18.9740, 0.2004, 0.2414



1.4589, 0.2046, 0.2565

Inverse Universe

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



50.2244, 0.3269, 0.2853



61.4407, 0.3304, 0.2763



65.9340, 0.3513, 0.3738



13.8707, 0.3178, 0.3119



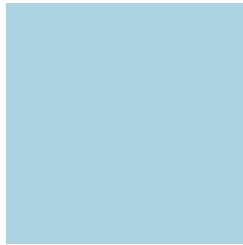
10.8235, 0.4009, 0.1982



0.7647, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 60.7954, 0.2767, 0.3121 looks on a white background.

Color Contrast Check

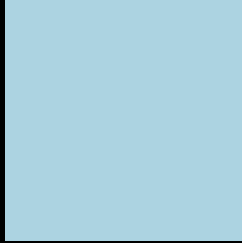
Large Text (above 18pt) WCAG AA × Fail

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 60.7954, 0.2767, 0.3121 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 60.7954, 0.2767, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 60.7954, 0.2767, 0.3121.



This preview shows how white text looks on a background with the Yxy color 60.7954, 0.2767, 0.3121.

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

60.7954, 0.2767, 0.3121

Protanopia

60.5757, 0.3009, 0.3094

Deuteranopia

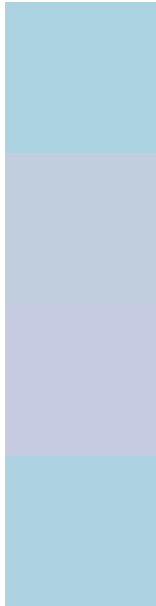
60.5390, 0.3035, 0.2977



Tritanopia

61.0188, 0.2761, 0.3097

Trichromacy



Original Color

60.7954, 0.2767, 0.3121

Protanomaly

60.6230, 0.2916, 0.3102

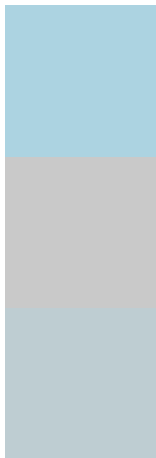
Deuteranomaly

60.2086, 0.2932, 0.3024

Tritanomaly

60.9638, 0.2767, 0.3109

Monochromacy



Original Color

60.7954, 0.2767, 0.3121

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2629, 0.2981, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7954, 0.2767, 0.3121 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(172, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 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(172, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.7954, 0.2767, 0.3121 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(172, 211, 225) }
```

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

```
.border{ border-color:rgb(172, 211, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7954, 0.2767, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 225) }
```

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

```
.background{ background-color: rgb(172,  
211, 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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