

Converting Colors

$Yxy(52.7227, 0.2779, 0.3136)$

Have a look what the booklet for
Yxy(52.7227, 0.2779, 0.3136)
contains.

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Color

Yxy(52.7227, 0.2779, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	A2C6D2
RGB	162, 198, 210
RGB Percent	64%, 78%, 82%
CMY	0.3648, 0.2235, 0.1765
CMYK	0.23, 0.06, 0.00, 0.18
HSL	195°, 35%, 73%
HSV	195°, 23%, 82%
XYZ	46.7208, 52.7227, 68.6774
YIQ	188.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

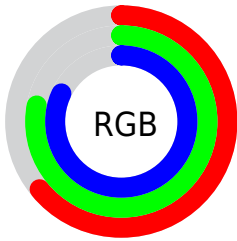
Format	Color
RYB	162, 183, 210
Decimal	10667730
CIELab	77.71, -9.32, -9.95
CIELCh	78, 13.635, 226.860
Yxy	52.7227, 0.2779, 0.3136
Android (android.graphics.Color)	4288857810 (0xFFA2C6D2)
YUV	188.6040, 10.5482, -23.3317
Hunter-Lab	72.6104, -12.2133, -5.2512

Details

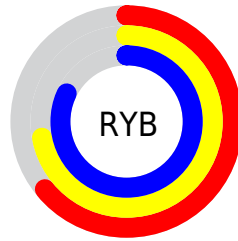
The Yxy color **52.7227, 0.2779, 0.3136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5573, 0.3561, 0.3439**, and the grayscale version is **50.5981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **25.5980, 0.2681, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **48.3540, 0.2633, 0.3059**, and if you desaturate by 10%, it is **57.5456, 0.2930, 0.3207**.

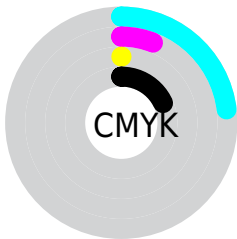
Distribution



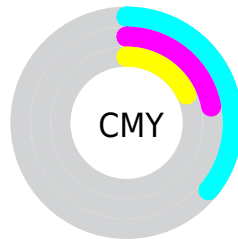
- Red (64%)
- Green (78%)
- Blue (82%)



- Red (64%)
- Yellow (72%)
- Blue (82%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7227, 0.2779, 0.3136 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 52.7227, 0.2779, 0.3136 by changing the saturation by 10% instead.

■ 52.7227, 0.2779,
0.3136

■ 52.7227, 0.2779,
0.3136

■ 397.2203, 0.2948,
0.3213

■ 37.5814, 0.2739,
0.3117

■ 94.1962, 0.2839,
0.3164

■ 25.6580, 0.2688,
0.3092

■ 121.2972, 0.2862,
0.3175

■ 16.5680, 0.2621,
0.3059

■ 153.1537, 0.2881,
0.3184

■ 9.9269, 0.2531,
0.3013

■ 190.1499, 0.2898,
0.3191

■ 5.3505, 0.2404,
0.2945

■ 232.6702, 0.2913,
0.3198

■ 2.4544, 0.2208,
0.2834

■ 281.0992, 0.2926,

■ 0.8537, 0.1810,

0.3204

0.2647

335.8211, 0.2937,
0.3209

0.0000, 0.0000,
0.0000

52.7227, 0.2779,
0.3136

52.7227, 0.2779,
0.3136

48.3540, 0.2633,
0.3059

57.5456, 0.2930,
0.3207

44.4141, 0.2496,
0.2976

62.8341, 0.3083,
0.3273

40.8844, 0.2371,
0.2889

68.6069, 0.3236,
0.3331

37.7424, 0.2262,
0.2798

74.8800, 0.3387,
0.3384

34.9628, 0.2170,
0.2705

79.3283, 0.3445,
0.3434

■ 32.5167, 0.2097,
0.2612

■ 82.1897, 0.3436,
0.3486

■ 30.3695, 0.2044,
0.2520

■ 85.1385, 0.3427,
0.3538

■ 28.9783, 0.2015,
0.2454

■ 88.1756, 0.3418,
0.3588

■ 91.3016, 0.3410,
0.3638

Harmonies

Analogous

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



52.7227, 0.2841, 0.3298



52.7227, 0.2779, 0.3136



52.7227, 0.2807, 0.3022

Triad

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



52.7227, 0.2779, 0.3136



52.7227, 0.3273, 0.3125



52.7227, 0.3333, 0.3612

Complementary

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



52.7227, 0.2779, 0.3136



46.5573, 0.3561, 0.3439

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.



52.7227, 0.3456, 0.3553



52.7227, 0.2779, 0.3136



52.7227, 0.3421, 0.3272

Square

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



52.7227, 0.2779, 0.3136



52.7227, 0.3088, 0.3020



52.7227, 0.3489, 0.3427



52.7227, 0.3158, 0.3580

Rectangle

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



52.7227, 0.2779, 0.3136



52.7227, 0.2873, 0.2987



52.7227, 0.3489, 0.3427



52.7227, 0.3382, 0.3602

Sweetspot

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



52.7248, 0.2779, 0.3136



93.9632, 0.3019, 0.3246



56.7887, 0.3024, 0.3774



20.0043, 0.3009, 0.3242



0.0000, 0.0000, 0.0000



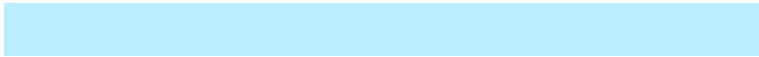
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7248, 0.2779, 0.3136



78.7289, 0.2714, 0.3102



42.9027, 0.2755, 0.2827



12.8869, 0.2983, 0.3231



17.8453, 0.2019, 0.2468



1.1193, 0.2066, 0.2636

Inverse Universe

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



43.6073, 0.3257, 0.2859



62.6042, 0.3288, 0.2773



56.3225, 0.3501, 0.3714



11.9566, 0.3175, 0.3117



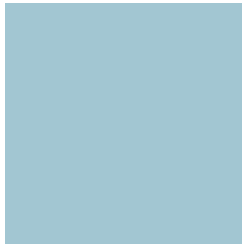
9.8728, 0.3954, 0.1952



0.5643, 0.3789, 0.1861

Previews

White Background



This preview shows how the Yxy color 52.7227, 0.2779, 0.3136 looks on a white background.

Color Contrast Check

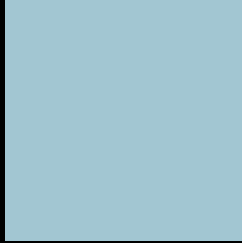
Large Text (above 18pt) WCAG AA × Fail

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 52.7227, 0.2779, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

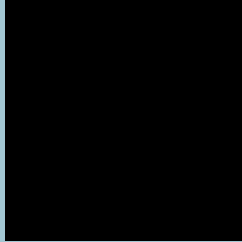
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

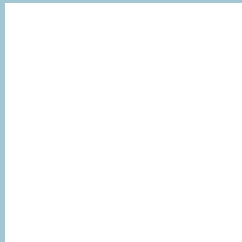
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7227, 0.2779, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 52.7227, 0.2779, 0.3136.

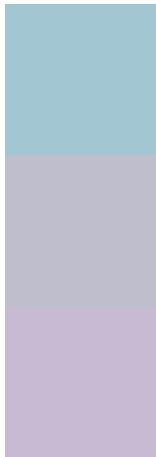


This preview shows how white text looks on a background with the Yxy color 52.7227, 0.2779, 0.3136.

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

52.7227, 0.2779, 0.3136

Protanopia

52.3111, 0.3024, 0.3106

Deuteranopia

52.2888, 0.3052, 0.2981



Tritanopia

52.5231, 0.2766, 0.3086

Trichromacy



Original Color

52.7227, 0.2779, 0.3136

Protanomaly

52.3482, 0.2925, 0.3115

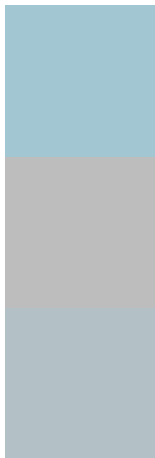
Deuteranomaly

52.0949, 0.2950, 0.3033

Tritanomaly

52.4725, 0.2772, 0.3098

Monochromacy



Original Color

52.7227, 0.2779, 0.3136

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3142, 0.2988, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7227, 0.2779, 0.3136 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(162, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 210)  
}
```

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(162, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 210) }
```

Border

The CSS property to change the border of an element to Yxy 52.7227, 0.2779, 0.3136 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(162, 198, 210) }
```

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

```
.border{ border-color:rgb(162, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7227, 0.2779, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 210) }
```

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

```
.background{ background-color: rgb(162,  
198, 210) }
```

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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