

Converting Colors

$Yxy(62.5838, 0.2732, 0.3368)$

Have a look what the booklet for
Yxy(62.5838, 0.2732, 0.3368)
contains.

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Color

Yxy(62.8605, 0.2735, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	9ADC5
RGB	154, 220, 213
RGB Percent	60%, 86%, 84%
CMY	0.3962, 0.1372, 0.1646
CMYK	0.30, 0.00, 0.03, 0.14
HSL	174°, 49%, 73%
HSV	174°, 30%, 86%
XYZ	50.9252, 62.8605, 72.4125
YIQ	199.4680, -37.0890, -16.1690

Conversions

Conversions Part 2

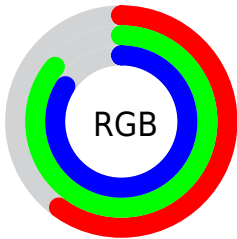
Format	Color
RYB	154, 189, 220
Decimal	10149077
CIELab	83.37, -22.21, -3.25
CIELCh	83, 22.449, 188.321
Yxy	62.8605, 0.2735, 0.3376
Android (android.graphics.Color)	4288339157 (0xFF9ADC D5)
YUV	199.4680, 6.6713, -39.8754
Hunter-Lab	79.2846, -24.0960, 1.3483

Details

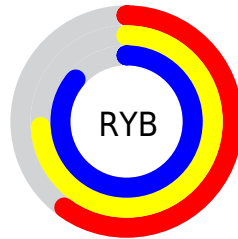
The Yxy color **62.8605, 0.2735, 0.3376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8855, 0.3726, 0.3208**, and the grayscale version is **57.3867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **32.0882, 0.2641, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **60.7818, 0.2626, 0.3409**, and if you desaturate by 10%, it is **65.3416, 0.2857, 0.3345**.

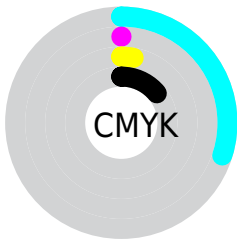
Distribution



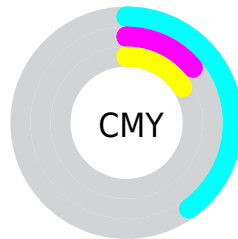
- Red (60%)
- Green (86%)
- Blue (84%)



- Red (60%)
- Yellow (74%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)





- Cyan (40%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8605, 0.2735, 0.3376 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 62.8605, 0.2735, 0.3376 by changing the saturation by 10% instead.


 62.8605, 0.2735,
0.3376


 62.8605, 0.2735,
0.3376


435.0630, 0.2920,
0.3337

 45.7284, 0.2692,
0.3385


 108.9682, 0.2800,
0.3363

 32.0315, 0.2638,
0.3395


 138.7126, 0.2825,
0.3357

 21.3856, 0.2570,
0.3408


173.4299, 0.2846,
0.3353

 13.4061, 0.2479,
0.3425

213.5044, 0.2865,
0.3349

 7.7088, 0.2354,
0.3447

259.3206, 0.2881,
0.3345

 3.9092, 0.2169,
0.3476

311.2628, 0.2896,

 1.6229, 0.1873,

0.3342

0.3515

369.7155, 0.2908,
0.3340

0.3730, 0.0000,
0.3707

0.0000, 0.0000,
0.0000

62.8605, 0.2735,
0.3376

62.8605, 0.2735,
0.3376

60.7818, 0.2626,
0.3409

65.3416, 0.2857,
0.3345

59.0762, 0.2533,
0.3444

68.2374, 0.2988,
0.3316

57.7225, 0.2457,
0.3480

71.5691, 0.3127,
0.3290

56.6943, 0.2400,
0.3516

75.3543, 0.3270,
0.3266

■ 55.9614, 0.2363,
0.3553

■ 77.8700, 0.3349,
0.3244

■ 55.4880, 0.2344,
0.3589

■ 77.9977, 0.3332,
0.3221

■ 55.2109, 0.2340,
0.3625

■ 78.1272, 0.3316,
0.3198

■ 78.2584, 0.3300,
0.3175

■ 78.3913, 0.3284,
0.3152

Harmonies

Analogous

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



62.8605, 0.2968, 0.3628



62.8605, 0.2735, 0.3376



62.8605, 0.2607, 0.3111

Triad

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



62.8605, 0.2735, 0.3376



62.8605, 0.2984, 0.2852



62.8605, 0.3669, 0.3644

Complementary

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



62.8605, 0.2735, 0.3376



40.8855, 0.3726, 0.3208

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.



62.8605, 0.3677, 0.3428



62.8605, 0.2735, 0.3376



62.8605, 0.3271, 0.2984

Square

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



62.8605, 0.2735, 0.3376



62.8605, 0.2745, 0.2823



62.8605, 0.3529, 0.3191



62.8605, 0.3510, 0.3778

Rectangle

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



62.8605, 0.2735, 0.3376



62.8605, 0.2594, 0.2968



62.8605, 0.3529, 0.3191



62.8605, 0.3689, 0.3578

Sweetspot

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



62.8630, 0.2735, 0.3376



95.7487, 0.3001, 0.3314



61.1699, 0.3139, 0.4151



20.3573, 0.2981, 0.3318



0.0000, 0.0000, 0.0000



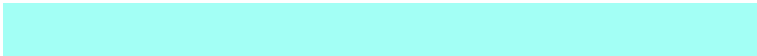
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8630, 0.2735, 0.3376



85.9376, 0.2665, 0.3397



50.9251, 0.2660, 0.2965



14.8046, 0.2996, 0.3315



32.4090, 0.2339, 0.3620



2.1066, 0.2322, 0.3560

Inverse Universe

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



40.8855, 0.3726, 0.3208



50.5393, 0.3908, 0.3190



49.9005, 0.3710, 0.3593



13.0738, 0.3275, 0.3266



8.9747, 0.6269, 0.3227



0.5892, 0.5950, 0.3052

Previews

White Background



This preview shows how the Yxy color 62.8605, 0.2735, 0.3376 looks on a white background.

Color Contrast Check

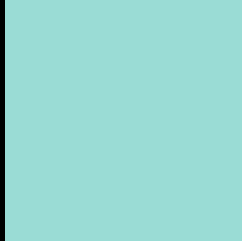
Large Text (above 18pt) WCAG AA × Fail

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 62.8605, 0.2735, 0.3376 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

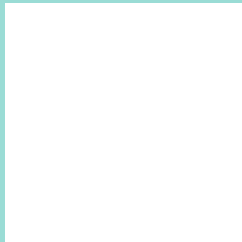
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8605, 0.2735, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 62.8605, 0.2735, 0.3376.

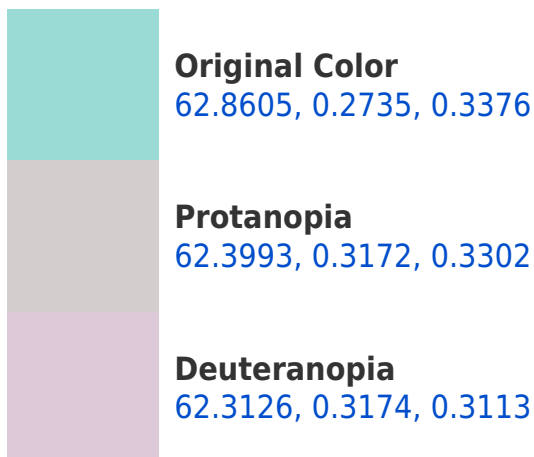


This preview shows how white text looks on a background with the Yxy color 62.8605, 0.2735, 0.3376.

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





Tritanopia

62.9371, 0.2645, 0.3084

Trichromacy



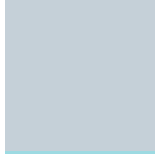
Original Color

62.8605, 0.2735, 0.3376



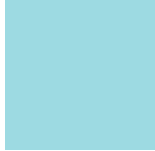
Protanomaly

62.0897, 0.2995, 0.3325



Deuteranomaly

61.9399, 0.2992, 0.3196



Tritanomaly

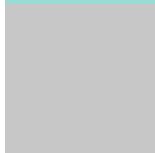
62.8019, 0.2678, 0.3191

Monochromacy



Original Color

62.8605, 0.2735, 0.3376



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

59.0526, 0.2971, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8605, 0.2735, 0.3376 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(154, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(154, 220, 213)  
}
```

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(154, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 220, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.8605, 0.2735, 0.3376 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(154, 220, 213) }
```

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

```
.border{ border-color:rgb(154, 220, 213) }
```

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

Here you see how a box with a 4 pixel rgb(154, 220, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(154, 220,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8605, 0.2735, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 220, 213) }
```

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

```
.background{ background-color: rgb(154,  
220, 213) }
```

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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