

Converting Colors

$Yxy(62.5738, 0.2836, 0.3326)$

Have a look what the booklet for
Yxy(62.5738, 0.2836, 0.3326)
contains.

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Color

Yxy(62.5738, 0.2836, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	ABD8D5
RGB	171, 216, 213
RGB Percent	67%, 85%, 84%
CMY	0.3295, 0.1529, 0.1648
CMYK	0.21, 0.00, 0.01, 0.15
HSL	176°, 37%, 76%
HSV	176°, 21%, 85%
XYZ	53.3552, 62.5738, 72.2063
YIQ	202.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

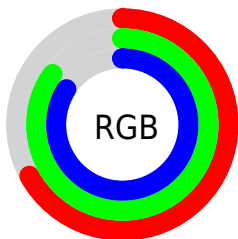
Format	Color
RYB	171, 194, 216
Decimal	11262165
CIELab	83.22, -15.20, -3.34
CIELCh	83, 15.565, 192.406
Yxy	62.5738, 0.2836, 0.3326
Android (android.graphics.Color)	4289452245 (0xFFABD8D5)
YUV	202.2030, 5.3229, -27.3650
Hunter-Lab	79.1036, -18.0335, 1.2522

Details

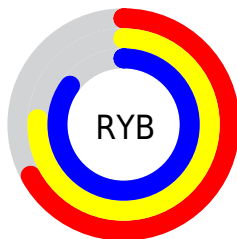
The Yxy color **62.5738, 0.2836, 0.3326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7742, 0.3516, 0.3255**, and the grayscale version is **59.1725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **31.8099, 0.2769, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **60.2726, 0.2711, 0.3346**, and if you desaturate by 10%, it is **65.2771, 0.2971, 0.3308**.

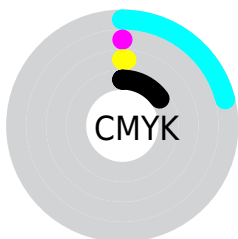
Distribution



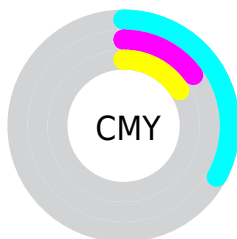
- Red (67%)
- Green (85%)
- Blue (84%)



- Red (67%)
- Yellow (76%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)




- Cyan (33%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5738, 0.2836, 0.3326 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 62.5738, 0.2836, 0.3326 by changing the saturation by 10% instead.

 62.5738, 0.2836,
0.3326

 62.5738, 0.2836,
0.3326

434.0211, 0.2974,
0.3310

 45.4965, 0.2804,
0.3329


 108.5544, 0.2884,
0.3321

 31.8487, 0.2764,
0.3333


138.2265, 0.2903,
0.3319

 21.2459, 0.2712,
0.3338


172.8657, 0.2919,
0.3317

 13.3039, 0.2644,
0.3345

212.8563, 0.2933,
0.3315

 7.6381, 0.2549,
0.3352

258.5827, 0.2945,
0.3314

 3.8643, 0.2408,
0.3361

310.4294, 0.2956,

 1.5979, 0.2178,

0.3312

0.3371

368.7807, 0.2965,
0.3311

0.3562, 0.0000,
0.3643

0.0000, 0.0000,
0.0000

62.5738, 0.2836,
0.3326

62.5738, 0.2836,
0.3326

60.2726, 0.2711,
0.3346

65.2771, 0.2971,
0.3308

58.3467, 0.2600,
0.3366

68.3929, 0.3115,
0.3291

56.7777, 0.2505,
0.3388

71.9404, 0.3263,
0.3276

55.5428, 0.2428,
0.3410

75.4810, 0.3396,
0.3263

■ 54.6165, 0.2370,
0.3433

■ 75.5577, 0.3385,
0.3248

■ 53.9697, 0.2332,
0.3455

■ 75.6350, 0.3375,
0.3234

■ 53.5675, 0.2311,
0.3478

■ 75.7130, 0.3365,
0.3219

■ 53.3582, 0.2305,
0.3498

■ 75.7917, 0.3354,
0.3204

■ 75.8711, 0.3344,
0.3190

Harmonies

Analogous

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



62.5738, 0.2993, 0.3501



62.5738, 0.2836, 0.3326



62.5738, 0.2756, 0.3147

Triad

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



62.5738, 0.2836, 0.3326



62.5738, 0.3055, 0.2989



62.5738, 0.3493, 0.3557

Complementary

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



62.5738, 0.2836, 0.3326



46.7742, 0.3516, 0.3255

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.



62.5738, 0.3513, 0.3413



62.5738, 0.2836, 0.3326



62.5738, 0.3256, 0.3092

Square

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



62.5738, 0.2836, 0.3326



62.5738, 0.2880, 0.2960



62.5738, 0.3425, 0.3245



62.5738, 0.3373, 0.3634

Rectangle

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



62.5738, 0.2836, 0.3326



62.5738, 0.2756, 0.3051



62.5738, 0.3425, 0.3245



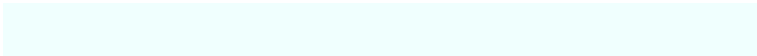
62.5738, 0.3512, 0.3514

Sweetspot

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



62.5764, 0.2836, 0.3326



97.1468, 0.3039, 0.3300



61.1398, 0.3127, 0.3860



20.7299, 0.3030, 0.3301



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.



62.5764, 0.2836, 0.3326



89.5760, 0.2780, 0.3334



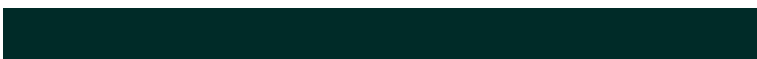
53.6588, 0.2802, 0.3056



14.0928, 0.2992, 0.3305



31.5853, 0.2304, 0.3495



1.9095, 0.2293, 0.3456

Inverse Universe

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



46.7742, 0.3516, 0.3255



62.5950, 0.3623, 0.3247



54.2552, 0.3499, 0.3513



12.4342, 0.3281, 0.3275



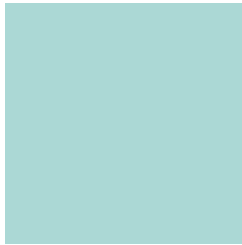
8.6664, 0.6323, 0.3257



0.5276, 0.6092, 0.3129

Previews

White Background



This preview shows how the Yxy color 62.5738, 0.2836, 0.3326 looks on a white background.

Color Contrast Check

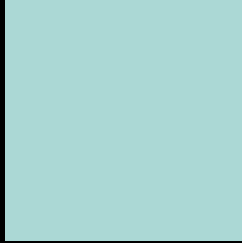
Large Text (above 18pt) WCAG AA × Fail

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 62.5738, 0.2836, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

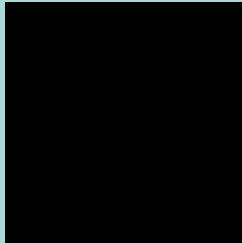
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

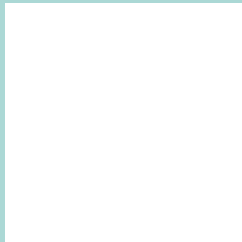
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5738, 0.2836, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 62.5738, 0.2836, 0.3326.

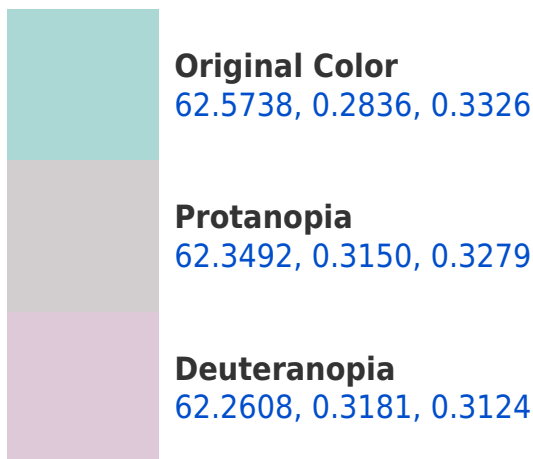


This preview shows how white text looks on a background with the Yxy color 62.5738, 0.2836, 0.3326.

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

62.3003, 0.2752, 0.3087

Trichromacy



Original Color

62.5738, 0.2836, 0.3326

Protanomaly

62.4324, 0.3031, 0.3301

Deuteranomaly

61.7454, 0.3042, 0.3186

Tritanomaly

62.3592, 0.2782, 0.3169

Monochromacy



Original Color

62.5738, 0.2836, 0.3326

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.1582, 0.3015, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5738, 0.2836, 0.3326 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(171, 216, 213)` looks like.

```
.text, #text, p{  
    color:rgb(171, 216, 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(171, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 216, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.5738, 0.2836, 0.3326 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(171, 216, 213) }
```

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

```
.border{ border-color:rgb(171, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(171, 216,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5738, 0.2836, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 216, 213) }
```

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

```
.background{ background-color: rgb(171,  
216, 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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