

Converting Colors

$Yxy(63.3395, 0.2855, 0.3340)$

Have a look what the booklet for
Yxy(63.3395, 0.2855, 0.3340)
contains.

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Color

Yxy(63.4285, 0.2856, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	AED9D5
RGB	174, 217, 213
RGB Percent	68%, 85%, 84%
CMY	0.3178, 0.1490, 0.1648
CMYK	0.20, 0.00, 0.02, 0.15
HSL	174°, 36%, 77%
HSV	174°, 20%, 85%
XYZ	54.2696, 63.4285, 72.3214
YIQ	203.6870, -24.3440, -10.3600

Conversions

Conversions Part 2

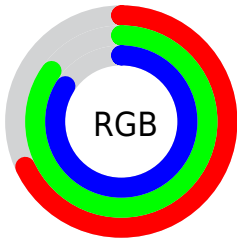
Format	Color
RYB	174, 197, 217
Decimal	11459029
CIELab	83.67, -14.80, -2.66
CIElCh	84, 15.034, 190.196
Yxy	63.4285, 0.2856, 0.3338
Android (android.graphics.Color)	4289649109 (0xFFAED9D5)
YUV	203.6870, 4.5913, -26.0355
Hunter-Lab	79.6420, -17.7403, 1.9093

Details

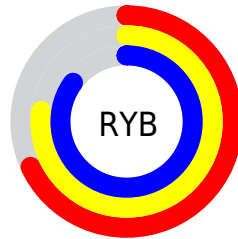
The Yxy color **63.4285, 0.2856, 0.3338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2241, 0.3482, 0.3243**, and the grayscale version is **60.1537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **32.3742, 0.2795, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **61.0349, 0.2733, 0.3365**, and if you desaturate by 10%, it is **66.2313, 0.2989, 0.3313**.

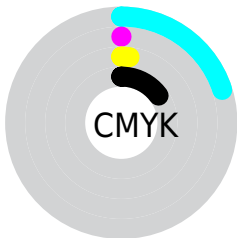
Distribution



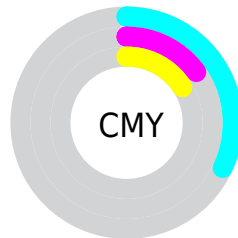
- Red (68%)
- Green (85%)
- Blue (84%)



- Red (68%)
- Yellow (77%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)




- Cyan (32%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4285, 0.2856, 0.3338 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 63.4285, 0.2856, 0.3338 by changing the saturation by 10% instead.

 63.4285, 0.2856,
0.3338

 63.4285, 0.2856,
0.3338

437.1229, 0.2984,
0.3316

 46.1879, 0.2826,
0.3343

 109.7875, 0.2901,
0.3331

 32.3942, 0.2789,
0.3349


139.6747, 0.2918,
0.3328

 21.6627, 0.2741,
0.3356


174.5462, 0.2933,
0.3325

 13.6093, 0.2678,
0.3366

214.7865, 0.2946,
0.3323

 7.8494, 0.2590,
0.3378

260.7799, 0.2957,
0.3321

 3.9988, 0.2460,
0.3395

312.9109, 0.2967,

 1.6729, 0.2247,

0.3319

371.5638, 0.2976,
0.3318

0.3419

0.4060, 0.0233,
0.3835

0.0000, 0.0000,
0.0000

63.4285, 0.2856,
0.3338

63.4285, 0.2856,
0.3338

61.0349, 0.2733,
0.3365

66.2313, 0.2989,
0.3313

59.0232, 0.2623,
0.3394


69.4534, 0.3129,
0.3290


57.3753, 0.2528,
0.3425


73.1144, 0.3274,
0.3269

56.0682, 0.2451,
0.3456


76.1205, 0.3378,
0.3250


 55.0765, 0.2393,
0.3488


 76.2296, 0.3363,
0.3229

 54.3710, 0.2354,
0.3521


 76.3400, 0.3349,
0.3209


 53.9173, 0.2334,
0.3553

 76.4517, 0.3334,
0.3189

 53.6548, 0.2329,
0.3584

 76.5647, 0.3320,
0.3168

 53.6511, 0.2329,
0.3585

 76.6791, 0.3306,
0.3148

Harmonies

Analogous

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



63.4285, 0.3012, 0.3503



63.4285, 0.2856, 0.3338



63.4285, 0.2773, 0.3164

Triad

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



63.4285, 0.2856, 0.3338



63.4285, 0.3044, 0.2995



63.4285, 0.3484, 0.3538

Complementary

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



63.4285, 0.2856, 0.3338



48.2241, 0.3482, 0.3243

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.



63.4285, 0.3495, 0.3397



63.4285, 0.2856, 0.3338



63.4285, 0.3237, 0.3090

Square

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



63.4285, 0.2856, 0.3338



63.4285, 0.2879, 0.2973



63.4285, 0.3404, 0.3235



63.4285, 0.3375, 0.3618

Rectangle

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



63.4285, 0.2856, 0.3338



63.4285, 0.2768, 0.3070



63.4285, 0.3404, 0.3235



63.4285, 0.3500, 0.3496

Sweetspot

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



63.4311, 0.2856, 0.3338



97.1209, 0.3042, 0.3304



62.1846, 0.3133, 0.3829



20.7237, 0.3032, 0.3305



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.



63.4311, 0.2856, 0.3338



89.8192, 0.2801, 0.3350



55.2172, 0.2819, 0.3077



14.8074, 0.2995, 0.3312



32.4806, 0.2328, 0.3580



2.1105, 0.2313, 0.3528

Inverse Universe

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



48.2241, 0.3482, 0.3243



63.9029, 0.3584, 0.3232



55.1493, 0.3480, 0.3494



13.0712, 0.3277, 0.3268



8.9680, 0.6288, 0.3238



0.5879, 0.5998, 0.3078

Previews

White Background



This preview shows how the Yxy color 63.4285, 0.2856, 0.3338 looks on a white background.

Color Contrast Check

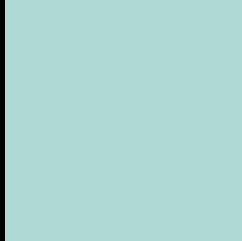
Large Text (above 18pt) WCAG AA × Fail

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 63.4285, 0.2856, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

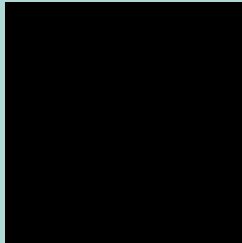
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

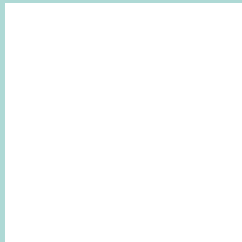
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4285, 0.2856, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 63.4285, 0.2856, 0.3338.



This preview shows how white text looks on a background with the Yxy color 63.4285, 0.2856, 0.3338.

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

63.4285, 0.2856, 0.3338

Protanopia

63.1277, 0.3165, 0.3290

Deuteranopia

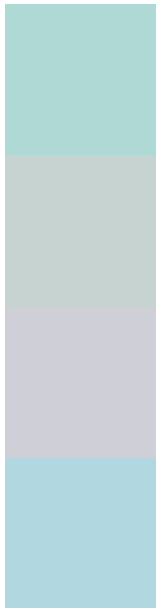
63.0462, 0.3196, 0.3136



Tritanopia

63.3276, 0.2772, 0.3089

Trichromacy



Original Color

63.4285, 0.2856, 0.3338

Protanomaly

63.1977, 0.3045, 0.3313

Deuteranomaly

62.6538, 0.3064, 0.3198

Tritanomaly

63.3298, 0.2808, 0.3182

Monochromacy



Original Color

63.4285, 0.2856, 0.3338

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4434, 0.3023, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4285, 0.2856, 0.3338 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(174, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(174, 217, 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(174, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.4285, 0.2856, 0.3338 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(174, 217, 213) }
```

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

```
.border{ border-color:rgb(174, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(174, 217,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4285, 0.2856, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 217, 213) }
```

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

```
.background{ background-color: rgb(174,  
217, 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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