

Converting Colors

Yxy(64.6612, 0.2761, 0.3369)

Have a look what the booklet for
Yxy(64.6612, 0.2761, 0.3369)
contains.

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Color

Yxy(64.6224, 0.2762, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	A0DED7
RGB	160, 222, 215
RGB Percent	63%, 87%, 84%
CMY	0.3725, 0.1294, 0.1569
CMYK	0.28, 0.00, 0.03, 0.13
HSL	173°, 48%, 75%
HSV	173°, 28%, 87%
XYZ	52.8851, 64.6224, 73.9663
YIQ	202.6640, -34.7050, -15.3210

Conversions

Conversions Part 2

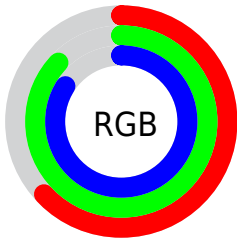
Format	Color
R _{YB}	160, 193, 222
Decimal	10542807
CIE Lab	84.29, -21.03, -2.90
CIE LCh	84, 21.233, 187.858
Yxy	64.6224, 0.2762, 0.3375
Android (android.graphics.Color)	4288732887 (0xFFA0DED7)
YUV	202.6640, 6.0816, -37.4163
Hunter-Lab	80.3881, -23.2489, 1.7180

Details

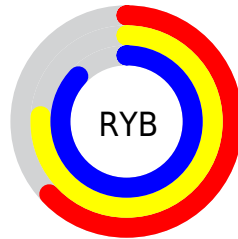
The Yxy color **64.6224, 0.2762, 0.3375** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4692, 0.3666, 0.3208**, and the grayscale version is **59.4798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **33.2397, 0.2674, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **62.4091, 0.2651, 0.3410**, and if you desaturate by 10%, it is **67.2514, 0.2885, 0.3342**.

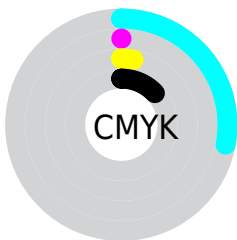
Distribution



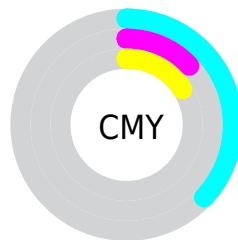
- Red (63%)
- Green (87%)
- Blue (84%)



- Red (63%)
- Yellow (76%)
- Blue (87%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)





- Cyan (37%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6224, 0.2762, 0.3375 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 64.6224, 0.2762, 0.3375 by changing the saturation by 10% instead.

 64.6224, 0.2762,
0.3375


 64.6224, 0.2762,
0.3375


441.4338, 0.2933,
0.3336

 47.1550, 0.2722,
0.3384


 111.5068, 0.2822,
0.3362

 33.1582, 0.2673,
0.3394

 141.6926, 0.2845,
0.3357

 22.2476, 0.2610,
0.3407


176.8866, 0.2865,
0.3352

 14.0390, 0.2526,
0.3424

217.4732, 0.2882,
0.3348

 8.1478, 0.2412,
0.3446

263.8368, 0.2897,
0.3345

 4.1897, 0.2243,
0.3477

316.3619, 0.2911,

 1.7802, 0.1975,

0.3342

0.3519

375.4327, 0.2923,
0.3339

0.4748, 0.0000,
0.3974

0.0000, 0.0000,
0.0000

64.6224, 0.2762,
0.3375

64.6224, 0.2762,
0.3375

62.4091, 0.2651,
0.3410

67.2514, 0.2885,
0.3342

60.5820, 0.2555,
0.3447

70.3085, 0.3018,
0.3312

59.1199, 0.2476,
0.3485

73.8151, 0.3156,
0.3285

57.9965, 0.2415,
0.3524

77.7888, 0.3299,
0.3260

■ 57.1817, 0.2375,
0.3564

■ 79.0804, 0.3326,
0.3235

■ 56.6404, 0.2353,
0.3603

■ 79.2206, 0.3309,
0.3210

■ 56.3232, 0.2347,
0.3642

■ 79.3629, 0.3292,
0.3185

■ 56.2695, 0.2347,
0.3650

■ 79.5072, 0.3275,
0.3161

■ 79.6535, 0.3258,
0.3136

Harmonies

Analogous

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



64.6224, 0.2983, 0.3609



64.6224, 0.2762, 0.3375



64.6224, 0.2639, 0.3127

Triad

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



64.6224, 0.2762, 0.3375



64.6224, 0.2989, 0.2877



64.6224, 0.3636, 0.3620

Complementary

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



64.6224, 0.2762, 0.3375



43.4692, 0.3666, 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.



64.6224, 0.3641, 0.3417



64.6224, 0.2762, 0.3375



64.6224, 0.3259, 0.3000

Square

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



64.6224, 0.2762, 0.3375



64.6224, 0.2766, 0.2852



64.6224, 0.3501, 0.3194



64.6224, 0.3489, 0.3746

Rectangle

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



64.6224, 0.2762, 0.3375



64.6224, 0.2626, 0.2991



64.6224, 0.3501, 0.3194



64.6224, 0.3654, 0.3558

Sweetspot

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



64.6250, 0.2762, 0.3375



96.1863, 0.3016, 0.3312



63.0253, 0.3139, 0.4083



20.4440, 0.2995, 0.3317



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.



64.6250, 0.2762, 0.3375



86.4818, 0.2690, 0.3397



53.2484, 0.2692, 0.2991



15.5442, 0.2997, 0.3317



33.4326, 0.2346, 0.3644



2.3251, 0.2329, 0.3584

Inverse Universe

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



43.4692, 0.3666, 0.3208



52.5950, 0.3841, 0.3189



52.2579, 0.3660, 0.3571



13.7256, 0.3274, 0.3264



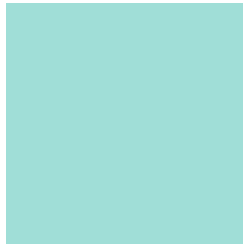
9.2745, 0.6258, 0.3221



0.6514, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 64.6224, 0.2762, 0.3375 looks on a white background.

Color Contrast Check

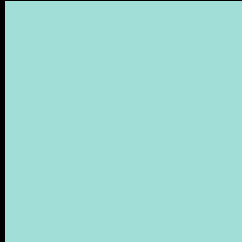
Large Text (above 18pt) WCAG AA × Fail

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 64.6224, 0.2762, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

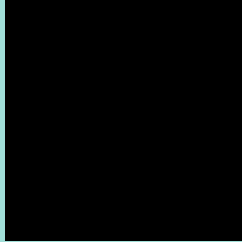
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

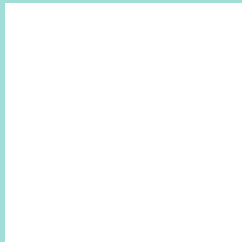
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6224, 0.2762, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 64.6224, 0.2762, 0.3375.

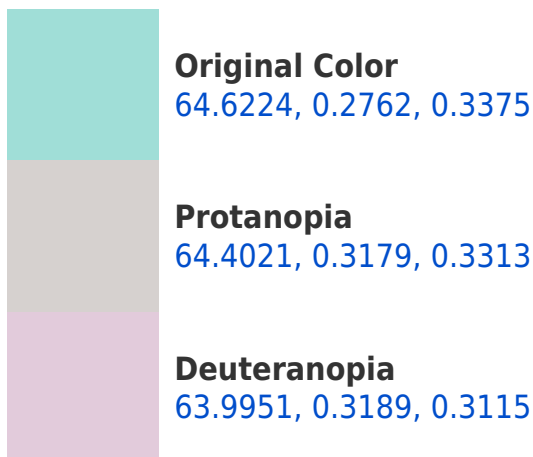


This preview shows how white text looks on a background with the Yxy color 64.6224, 0.2762, 0.3375.

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

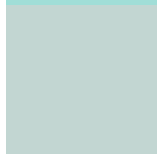
64.7185, 0.2671, 0.3088

Trichromacy



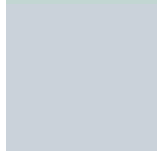
Original Color

64.6224, 0.2762, 0.3375



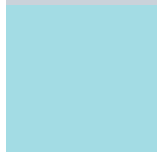
Protanomaly

64.2156, 0.3010, 0.3337



Deuteranomaly

63.7117, 0.3015, 0.3198



Tritanomaly

64.5744, 0.2705, 0.3193

Monochromacy



Original Color

64.6224, 0.2762, 0.3375



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.1630, 0.2980, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6224, 0.2762, 0.3375 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(160, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(160, 222, 215)  
}
```

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(160, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 222, 215) }
```

Border

The CSS property to change the border of an element to Yxy 64.6224, 0.2762, 0.3375 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(160, 222, 215) }
```

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

```
.border{ border-color:rgb(160, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(160, 222,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6224, 0.2762, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 222, 215) }
```

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

```
.background{ background-color: rgb(160,  
222, 215) }
```

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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