

Converting Colors

$Y_{xy}(62.3720, 0.2655, 0.3367)$

Have a look what the booklet for
Yxy(62.3720, 0.2655, 0.3367)
contains.

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Color

Yxy(62.2819, 0.2653, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	8DDDD7
RGB	141, 221, 215
RGB Percent	55%, 87%, 84%
CMY	0.4470, 0.1333, 0.1570
CMYK	0.36, 0.00, 0.03, 0.13
HSL	175°, 54%, 71%
HSV	175°, 36%, 87%
XYZ	49.1037, 62.2819, 73.7018
YIQ	196.3960, -45.7540, -18.8260

Conversions

Conversions Part 2

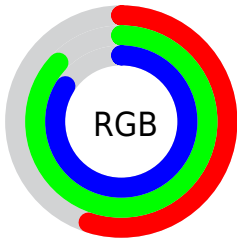
Format	Color
RYB	141, 183, 221
Decimal	9297367
CIELab	83.06, -25.80, -4.81
CIELCh	83, 26.239, 190.554
Yxy	62.2819, 0.2653, 0.3365
Android (android.graphics.Color)	4287487447 (0xFF8DDDD7)
YUV	196.3960, 9.1718, -48.5823
Hunter-Lab	78.9189, -27.0446, -0.1273

Details

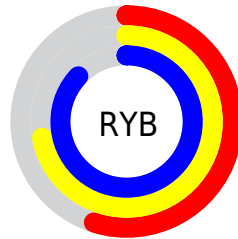
The Yxy color **62.2819, 0.2653, 0.3365** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.5326, 0.3932, 0.3220**, and the grayscale version is **55.4173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **31.7889, 0.2541, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **60.4511, 0.2551, 0.3389**, and if you desaturate by 10%, it is **64.5051, 0.2770, 0.3342**.

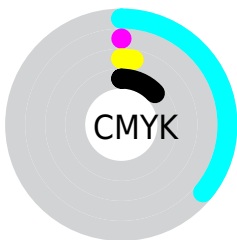
Distribution



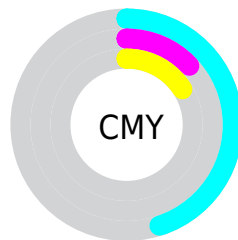
- Red (55%)
- Green (87%)
- Blue (84%)



- Red (55%)
- Yellow (72%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)





- Cyan (45%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2819, 0.2653, 0.3365 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 62.2819, 0.2653, 0.3365 by changing the saturation by 10% instead.

 62.2819, 0.2653,
0.3365

 62.2819, 0.2653,
0.3365


432.9586, 0.2876,
0.3333

 45.2605, 0.2601,
0.3372


 108.1329, 0.2731,
0.3354

 31.6627, 0.2537,
0.3380

 137.7312, 0.2761,
0.3350

 21.1040, 0.2455,
0.3390


172.2907, 0.2787,
0.3346

 13.2000, 0.2346,
0.3401

212.1957, 0.2810,
0.3343

 7.5664, 0.2197,
0.3415

257.8306, 0.2829,
0.3340

 3.8188, 0.1979,
0.3429

309.5798, 0.2847,

 1.5727, 0.1629,

0.3337

0.3440

367.8276, 0.2862,
0.3335

0.3391, 0.0000,
0.3247

0.0000, 0.0000,
0.0000

62.2819, 0.2653,
0.3365

62.2819, 0.2653,
0.3365

60.4511, 0.2551,
0.3389

64.5051, 0.2770,
0.3342

58.9821, 0.2466,
0.3414

67.1344, 0.2899,
0.3321

57.8518, 0.2400,
0.3439

70.1921, 0.3038,
0.3301

57.0313, 0.2353,
0.3465

73.6964, 0.3183,
0.3283

■ 56.4870, 0.2325,
0.3491

■ 77.6647, 0.3331,
0.3267

■ 56.1766, 0.2314,
0.3516

■ 78.4114, 0.3345,
0.3251

■ 56.0918, 0.2313,
0.3525

■ 78.5029, 0.3334,
0.3234

■ 78.5952, 0.3322,
0.3218

■ 78.6885, 0.3311,
0.3201

Harmonies

Analogous

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



62.2819, 0.2916, 0.3670



62.2819, 0.2653, 0.3365



62.2819, 0.2517, 0.3056

Triad

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



62.2819, 0.2653, 0.3365



62.2819, 0.2982, 0.2789



62.2819, 0.3753, 0.3716

Complementary

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



62.2819, 0.2653, 0.3365



36.5326, 0.3932, 0.3220

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.



62.2819, 0.3779, 0.3467



62.2819, 0.2653, 0.3365



62.2819, 0.3320, 0.2950

Square

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



62.2819, 0.2653, 0.3365



62.2819, 0.2698, 0.2745



62.2819, 0.3618, 0.3192



62.2819, 0.3554, 0.3868

Rectangle

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



62.2819, 0.2653, 0.3365



62.2819, 0.2510, 0.2895



62.2819, 0.3618, 0.3192



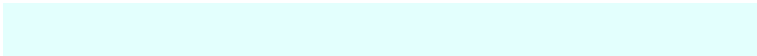
62.2819, 0.3783, 0.3640

Sweetspot

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



62.2844, 0.2653, 0.3365



94.9272, 0.2969, 0.3311



59.9051, 0.3120, 0.4365



20.1957, 0.2950, 0.3313



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.



62.2844, 0.2653, 0.3365



84.2700, 0.2578, 0.3382



46.7109, 0.2560, 0.2850



14.8117, 0.2992, 0.3307



32.5899, 0.2312, 0.3521



2.1165, 0.2300, 0.3480

Inverse Universe

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



36.5326, 0.3932, 0.3220



43.9385, 0.4176, 0.3206



47.6999, 0.3854, 0.3689



13.0674, 0.3280, 0.3273



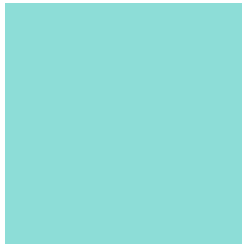
8.9592, 0.6314, 0.3252



0.5861, 0.6071, 0.3118

Previews

White Background



This preview shows how the Yxy color 62.2819, 0.2653, 0.3365 looks on a white background.

Color Contrast Check

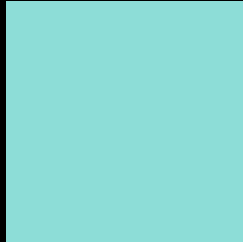
Large Text (above 18pt) WCAG AA × Fail

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 62.2819, 0.2653, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

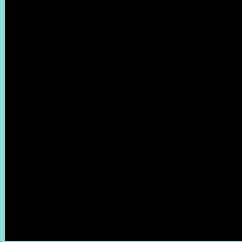
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

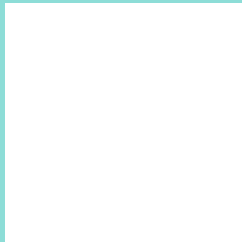
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2819, 0.2653, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 62.2819, 0.2653, 0.3365.

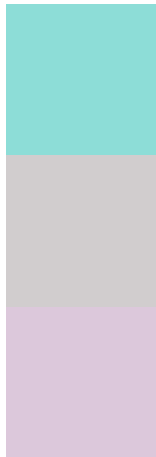


This preview shows how white text looks on a background with the Yxy color 62.2819, 0.2653, 0.3365.

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

62.2819, 0.2653, 0.3365

Protanopia

61.6742, 0.3151, 0.3279

Deuteranopia

61.6387, 0.3145, 0.3079



Tritanopia

62.2520, 0.2570, 0.3081

Trichromacy



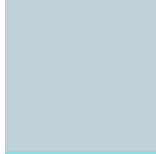
Original Color

62.2819, 0.2653, 0.3365



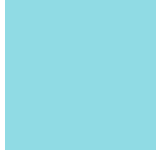
Protanomaly

61.3823, 0.2946, 0.3314



Deuteranomaly

61.2501, 0.2936, 0.3172



Tritanomaly

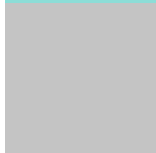
62.1938, 0.2597, 0.3177

Monochromacy



Original Color

62.2819, 0.2653, 0.3365



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.2045, 0.2927, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2819, 0.2653, 0.3365 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(141, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(141, 221, 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(141, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 221, 215) }
```

Border

The CSS property to change the border of an element to Yxy 62.2819, 0.2653, 0.3365 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(141, 221, 215) }
```

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

```
.border{ border-color:rgb(141, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(141, 221,  
215) }
```


Background

The CSS property to change the background color of an element to `rgb(62.2819, 0.2653, 0.3365)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 221, 215) }
```

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

```
.background{ background-color: rgb(141,  
221, 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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