

Converting Colors

$Yxy(64.9069, 0.2626, 0.3269)$

Have a look what the booklet for
Yxy(64.9069, 0.2626, 0.3269)
contains.

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Color

Yxy(64.9133, 0.2627, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	92E0E2
RGB	146, 224, 226
RGB Percent	57%, 88%, 89%
CMY	0.4272, 0.1216, 0.1138
CMYK	0.35, 0.01, 0.00, 0.11
HSL	181°, 58%, 73%
HSV	181°, 35%, 89%
XYZ	52.2449, 64.9133, 81.7184
YIQ	200.9060, -47.1300, -15.9140

Conversions

Conversions Part 2

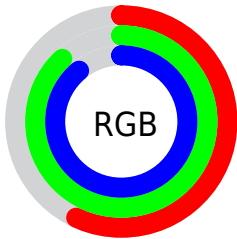
Format	Color
R_{YB}	146, 185, 226
Decimal	9625826
CIE _{Lab}	84.44, -23.35, -8.58
CIE _{LCh}	84, 24.875, 200.184
Yxy	64.9133, 0.2627, 0.3264
Android (android.graphics.Color)	4287815906 (0xFF92E0E2)
YUV	200.9060, 12.3713, -48.1526
Hunter-Lab	80.5688, -25.2470, -3.7378

Details

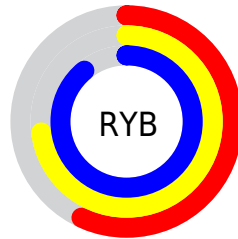
The Yxy color **64.9133, 0.2627, 0.3264** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4455, 0.3964, 0.3316**, and the grayscale version is **58.3014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **33.5404, 0.2509, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **62.7414, 0.2515, 0.3256**, and if you desaturate by 10%, it is **67.5007, 0.2754, 0.3272**.

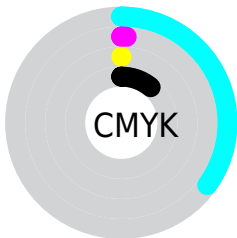
Distribution



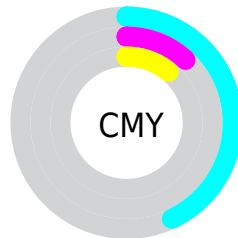
- Red (57%)
- Green (88%)
- Blue (89%)



- Red (57%)
- Yellow (73%)
- Blue (89%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)





- Cyan (43%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9133, 0.2627, 0.3264 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 64.9133, 0.2627, 0.3264 by changing the saturation by 10% instead.

 64.9133, 0.2627,
0.3264


 64.9133, 0.2627,
0.3264

442.4803, 0.2860,
0.3281

 47.3908, 0.2574,
0.3259

 111.9252, 0.2708,
0.3271

 33.3447, 0.2508,
0.3252


 142.1834, 0.2739,
0.3273

 22.3906, 0.2424,
0.3243

177.4555, 0.2766,
0.3275

 14.1442, 0.2315,
0.3228

218.1261, 0.2790,
0.3277

 8.2210, 0.2167,
0.3205

264.5795, 0.2810,
0.3278

 4.2367, 0.1954,
0.3165

317.2001, 0.2829,

 1.8068, 0.1628,

0.3279

0.3083

376.3722, 0.2845,
0.3280

0.4914, 0.0000,
0.3002

0.0000, 0.0000,
0.0000

64.9133, 0.2627,
0.3264

64.9133, 0.2627,
0.3264

62.7414, 0.2515,
0.3256

67.5007, 0.2754,
0.3272

60.9532, 0.2420,
0.3247

70.5182, 0.2894,
0.3279

59.5243, 0.2345,
0.3239

73.9891, 0.3044,
0.3286

58.4246, 0.2289,
0.3230

77.9325, 0.3200,
0.3293

■ 57.6190, 0.2251,
0.3222

■ 81.5873, 0.3331,
0.3299

■ 57.0643, 0.2231,
0.3214

■ 81.8961, 0.3330,
0.3304

■ 56.8589, 0.2225,
0.3210

■ 82.2060, 0.3330,
0.3310

■ 82.5168, 0.3329,
0.3316

■ 82.8287, 0.3328,
0.3321

Harmonies

Analogous

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



64.9133, 0.2841, 0.3560



64.9133, 0.2627, 0.3264



64.9133, 0.2543, 0.2994

Triad

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



64.9133, 0.2627, 0.3264



64.9133, 0.3092, 0.2857



64.9133, 0.3669, 0.3749

Complementary

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



64.9133, 0.2627, 0.3264



39.4455, 0.3964, 0.3316

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.



64.9133, 0.3748, 0.3539



64.9133, 0.2627, 0.3264



64.9133, 0.3406, 0.3038

Square

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



64.9133, 0.2627, 0.3264



64.9133, 0.2801, 0.2778



64.9133, 0.3651, 0.3281



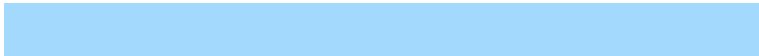
64.9133, 0.3442, 0.3846

Rectangle

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



64.9133, 0.2627, 0.3264



64.9133, 0.2568, 0.2866



64.9133, 0.3651, 0.3281



64.9133, 0.3714, 0.3688

Sweetspot

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



64.9159, 0.2627, 0.3264



94.6167, 0.2958, 0.3283



62.6236, 0.3070, 0.4334



20.1210, 0.2937, 0.3282



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.



64.9159, 0.2627, 0.3264



83.3323, 0.2548, 0.3258



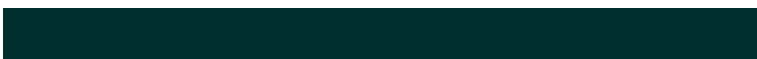
46.1799, 0.2558, 0.2754



15.5105, 0.2982, 0.3284



32.4693, 0.2226, 0.3212



2.2694, 0.2229, 0.3224

Inverse Universe

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



42.1285, 0.3186, 0.2436



49.4574, 0.3198, 0.2278



53.9392, 0.3801, 0.3769



13.9294, 0.3142, 0.3065



12.1858, 0.3272, 0.1576



0.8466, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 64.9133, 0.2627, 0.3264 looks on a white background.

Color Contrast Check

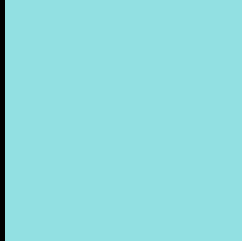
Large Text (above 18pt) WCAG AA × Fail

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 64.9133, 0.2627, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

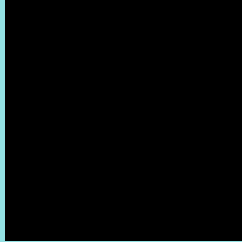
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9133, 0.2627, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 64.9133, 0.2627, 0.3264.

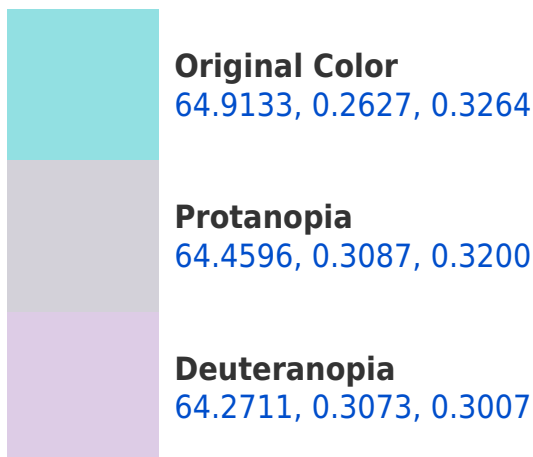


This preview shows how white text looks on a background with the Yxy color 64.9133, 0.2627, 0.3264.

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

65.0179, 0.2573, 0.3073

Trichromacy



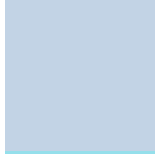
Original Color

64.9133, 0.2627, 0.3264



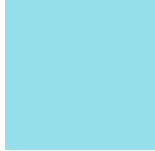
Protanomaly

63.8252, 0.2898, 0.3219



Deuteranomaly

63.7150, 0.2888, 0.3083



Tritanomaly

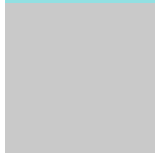
65.1631, 0.2594, 0.3144

Monochromacy



Original Color

64.9133, 0.2627, 0.3264



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.0778, 0.2918, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9133, 0.2627, 0.3264 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(146, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(146, 224, 226)  
}
```

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(146, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 224, 226) }
```

Border

The CSS property to change the border of an element to Yxy 64.9133, 0.2627, 0.3264 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(146, 224, 226) }
```

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

```
.border{ border-color:rgb(146, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(146, 224,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9133, 0.2627, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 224, 226) }
```

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

```
.background{ background-color: rgb(146,  
224, 226) }
```

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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