

Converting Colors

$Yxy(61.5862, 0.2575, 0.3315)$

Have a look what the booklet for
Yxy(61.5862, 0.2575, 0.3315)
contains.

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Color

Yxy(61.5732, 0.2575, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	82DDDB
RGB	130, 221, 219
RGB Percent	51%, 87%, 86%
CMY	0.4904, 0.1333, 0.1412
CMYK	0.41, 0.00, 0.01, 0.13
HSL	179°, 57%, 69%
HSV	179°, 41%, 87%
XYZ	47.8428, 61.5732, 76.3812
YIQ	193.5630, -53.5940, -19.9140

Conversions

Conversions Part 2

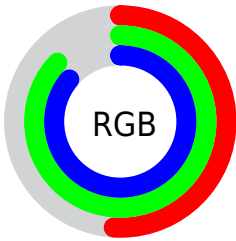
Format	Color
RYB	130, 176, 221
Decimal	8576475
CIELab	82.69, -27.63, -7.56
CIELCh	83, 28.649, 195.299
Yxy	61.5732, 0.2575, 0.3314
Android (android.graphics.Color)	4286766555 (0xFF82DDDB)
YUV	193.5630, 12.5404, -55.7448
Hunter-Lab	78.4686, -28.4875, -2.7848

Details

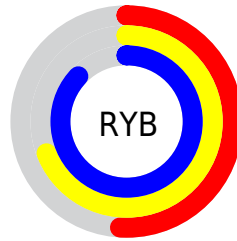
The Yxy color **61.5732, 0.2575, 0.3314** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.9916, 0.4158, 0.3269**, and the grayscale version is **53.6204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **31.3692, 0.2445, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **59.9867, 0.2477, 0.3321**, and if you desaturate by 10%, it is **63.5399, 0.2690, 0.3308**.

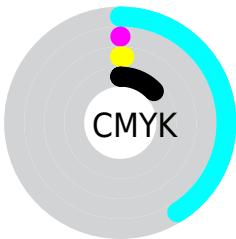
Distribution



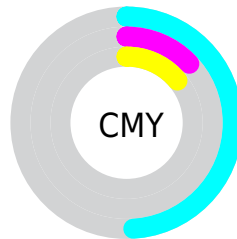
- Red (51%)
- Green (87%)
- Blue (86%)



- Red (51%)
- Yellow (69%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)




- Cyan (49%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5732, 0.2575, 0.3314 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 61.5732, 0.2575, 0.3314 by changing the saturation by 10% instead.


 61.5732, 0.2575,
0.3314

 61.5732, 0.2575,
0.3314


430.3726, 0.2834,
0.3308


 44.6879, 0.2515,
0.3314


 107.1084, 0.2666,
0.3313

 31.2117, 0.2441,
0.3314

 136.5272, 0.2701,
0.3312

 20.7601, 0.2346,
0.3312


 170.8926, 0.2731,
0.3311

 12.9488, 0.2222,
0.3308

210.5890, 0.2757,
0.3310

 7.3933, 0.2052,
0.3298

256.0008, 0.2780,
0.3310

 3.7092, 0.1807,
0.3274

307.5124, 0.2800,

 1.5123, 0.1406,

0.3309

365.5082, 0.2818,
0.3308

0.3221

0.2973, 0.0000,
0.2587

0.0000, 0.0000,
0.0000

61.5732, 0.2575,
0.3314

61.5732, 0.2575,
0.3314

59.9867, 0.2477,
0.3321

63.5399, 0.2690,
0.3308

58.7489, 0.2398,
0.3328


65.9016, 0.2819,
0.3301

57.8350, 0.2338,
0.3335


68.6811, 0.2959,
0.3296


57.2141, 0.2297,
0.3342

71.8975, 0.3109,
0.3291


 56.8490, 0.2274,
0.3349


 75.5686, 0.3264,
0.3286

 56.6837, 0.2265,
0.3355

 78.2490, 0.3366,
0.3282

 78.2752, 0.3363,
0.3277

 78.3015, 0.3360,
0.3272

 78.3278, 0.3356,
0.3267

Harmonies

Analogous

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



61.5732, 0.2843, 0.3661



61.5732, 0.2575, 0.3314



61.5732, 0.2453, 0.2985

Triad

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



61.5732, 0.2575, 0.3314



61.5732, 0.3024, 0.2765



61.5732, 0.3790, 0.3790

Complementary

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



61.5732, 0.2575, 0.3314



32.9916, 0.4158, 0.3269

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.



61.5732, 0.3852, 0.3527



61.5732, 0.2575, 0.3314



61.5732, 0.3395, 0.2956

Square

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



61.5732, 0.2575, 0.3314



61.5732, 0.2699, 0.2694



61.5732, 0.3706, 0.3228



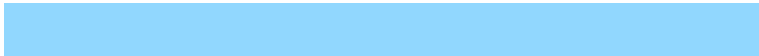
61.5732, 0.3545, 0.3936

Rectangle

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



61.5732, 0.2575, 0.3314



61.5732, 0.2464, 0.2824



61.5732, 0.3706, 0.3228



61.5732, 0.3833, 0.3711

Sweetspot

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



61.5756, 0.2575, 0.3314



94.6079, 0.2946, 0.3296



58.3150, 0.3087, 0.4551



20.1359, 0.2927, 0.3297



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.



61.5756, 0.2575, 0.3314



83.3134, 0.2494, 0.3320



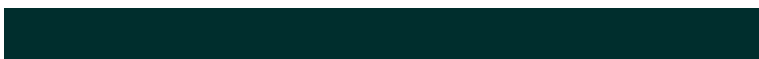
42.0103, 0.2473, 0.2714



14.8244, 0.2985, 0.3295



32.9269, 0.2265, 0.3354



2.1348, 0.2262, 0.3343

Inverse Universe

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



32.9916, 0.4158, 0.3269



38.9267, 0.4484, 0.3266



46.6599, 0.3962, 0.3797



13.0562, 0.3288, 0.3285



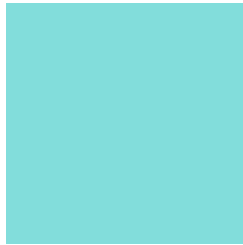
8.9383, 0.6376, 0.3286



0.5807, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 61.5732, 0.2575, 0.3314 looks on a white background.

Color Contrast Check

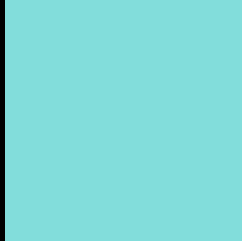
Large Text (above 18pt) WCAG AA × Fail

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 61.5732, 0.2575, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

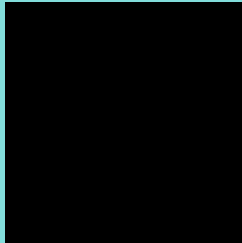
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5732, 0.2575, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 61.5732, 0.2575, 0.3314.



This preview shows how white text looks on a background with the Yxy color 61.5732, 0.2575, 0.3314.

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

61.5732, 0.2575, 0.3314

Protanopia

61.0546, 0.3115, 0.3232

Deuteranopia

60.8276, 0.3079, 0.3011



Tritanopia

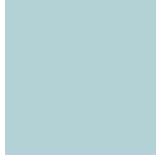
61.3498, 0.2509, 0.3066

Trichromacy



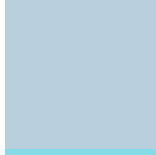
Original Color

61.5732, 0.2575, 0.3314



Protanomaly

60.4810, 0.2885, 0.3253



Deuteranomaly

60.2139, 0.2868, 0.3111



Tritanomaly

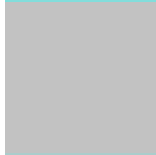
61.3628, 0.2531, 0.3151

Monochromacy



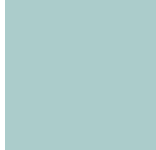
Original Color

61.5732, 0.2575, 0.3314



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.1555, 0.2891, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5732, 0.2575, 0.3314 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(130, 221, 219)` looks like.

```
.text, #text, p{  
    color:rgb(130, 221, 219)  
}
```

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(130, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 221, 219) }
```

Border

The CSS property to change the border of an element to Yxy 61.5732, 0.2575, 0.3314 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(130, 221, 219) }
```

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

```
.border{ border-color:rgb(130, 221, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(130, 221,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5732, 0.2575, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 221, 219) }
```

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

```
.background{ background-color: rgb(130,  
221, 219) }
```

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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