

Converting Colors

$Yxy(60.4088, 0.2577, 0.3278)$

Have a look what the booklet for
Yxy(60.4088, 0.2577, 0.3278)
contains.

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Color

Yxy(60.1628, 0.2579, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	84DADB
RGB	132, 218, 219
RGB Percent	52%, 85%, 86%
CMY	0.4826, 0.1450, 0.1412
CMYK	0.40, 0.00, 0.00, 0.14
HSL	181°, 55%, 69%
HSV	181°, 40%, 86%
XYZ	47.3626, 60.1628, 76.1217
YIQ	192.4000, -51.5770, -17.9210

Conversions

Conversions Part 2

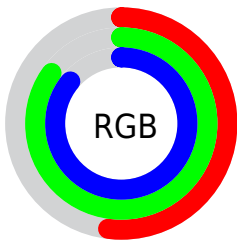
Format	Color
RYB	132, 175, 219
Decimal	8706779
CIELab	81.93, -25.70, -8.67
CIELCh	82, 27.118, 198.639
Yxy	60.1628, 0.2579, 0.3276
Android (android.graphics.Color)	4286896859 (0xFF84DADB)
YUV	192.4000, 13.1138, -52.9708
Hunter-Lab	77.5647, -26.7424, -3.8917

Details

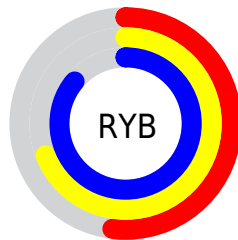
The Yxy color **60.1628, 0.2579, 0.3276** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.4675, 0.4122, 0.3305**, and the grayscale version is **52.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **30.3706, 0.2445, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **58.4564, 0.2476, 0.3272**, and if you desaturate by 10%, it is **62.2446, 0.2699, 0.3280**.

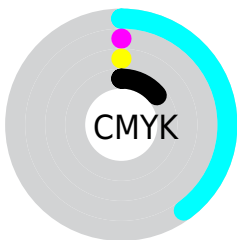
Distribution



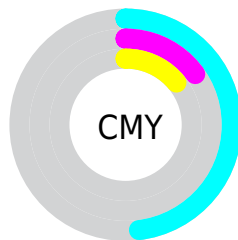
- Red (52%)
- Green (85%)
- Blue (86%)



- Red (52%)
- Yellow (69%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)




- Cyan (48%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1628, 0.2579, 0.3276 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 60.1628, 0.2579, 0.3276 by changing the saturation by 10% instead.


 60.1628, 0.2579,
0.3276


 60.1628, 0.2579,
0.3276

425.1976, 0.2837,
0.3288


 43.5499, 0.2519,
0.3272


 105.0658, 0.2669,
0.3281

 30.3168, 0.2445,
0.3266

 134.1246, 0.2704,
0.3283

 20.0792, 0.2350,
0.3257


 168.1009, 0.2734,
0.3284

 12.4526, 0.2225,
0.3243

207.3790, 0.2760,
0.3285

 7.0527, 0.2054,
0.3219

252.3434, 0.2783,
0.3286

 3.4951, 0.1806,
0.3174

303.3783, 0.2803,

 1.3953, 0.1389,

0.3287

0.3088

360.8682, 0.2821,
0.3287

■ 0.2133, 0.0000,
0.2028

■ 0.0000, 0.0000,
0.0000

■ 60.1628, 0.2579,
0.3276

■ 60.1628, 0.2579,
0.3276

■ 58.4564, 0.2476,
0.3272

■ 62.2446, 0.2699,
0.3280

■ 57.0948, 0.2391,
0.3268

■ 64.7160, 0.2832,
0.3283

■ 56.0544, 0.2326,
0.3264

■ 67.5990, 0.2978,
0.3287

■ 55.3056, 0.2279,
0.3261

■ 70.9122, 0.3131,
0.3290

■ 54.8130, 0.2251,
0.3257

■ 74.6728, 0.3290,
0.3293

■ 54.5159, 0.2237,
0.3254

■ 77.2851, 0.3389,
0.3296

■ 54.5093, 0.2237,
0.3253

■ 77.4124, 0.3389,
0.3298

■ 77.5398, 0.3389,
0.3301

■ 77.6675, 0.3388,
0.3303

Harmonies

Analogous

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



60.1628, 0.2822, 0.3609



60.1628, 0.2579, 0.3276



60.1628, 0.2479, 0.2970

Triad

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



60.1628, 0.2579, 0.3276



60.1628, 0.3068, 0.2802



60.1628, 0.3741, 0.3790

Complementary

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



60.1628, 0.2579, 0.3276



33.4675, 0.4122, 0.3305

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.



60.1628, 0.3822, 0.3549



60.1628, 0.2579, 0.3276



60.1628, 0.3421, 0.2997

Square

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



60.1628, 0.2579, 0.3276



60.1628, 0.2748, 0.2721



60.1628, 0.3703, 0.3263



60.1628, 0.3493, 0.3911

Rectangle

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



60.1628, 0.2579, 0.3276



60.1628, 0.2501, 0.2825



60.1628, 0.3703, 0.3263



60.1628, 0.3789, 0.3720

Sweetspot

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



60.1652, 0.2579, 0.3276



94.4348, 0.2943, 0.3286



57.2181, 0.3070, 0.4505



20.0948, 0.2923, 0.3286



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.



60.1652, 0.2579, 0.3276



82.8304, 0.2489, 0.3273



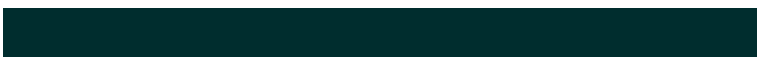
40.8510, 0.2490, 0.2697



14.8035, 0.2982, 0.3287



32.3385, 0.2237, 0.3254



2.1032, 0.2239, 0.3260

Inverse Universe

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



36.6034, 0.3182, 0.2324



45.0585, 0.3193, 0.2135



47.5591, 0.3911, 0.3812



13.2722, 0.3140, 0.3062



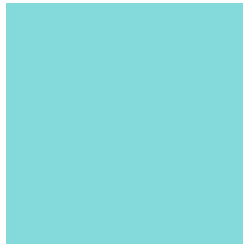
11.8884, 0.3237, 0.1557



0.7710, 0.3232, 0.1554

Previews

White Background



This preview shows how the Yxy color 60.1628, 0.2579, 0.3276 looks on a white background.

Color Contrast Check

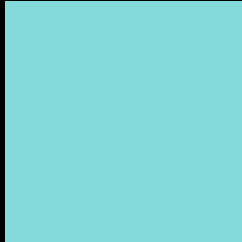
Large Text (above 18pt) WCAG AA × Fail

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 60.1628, 0.2579, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

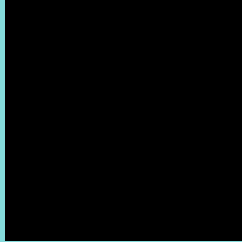
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1628, 0.2579, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 60.1628, 0.2579, 0.3276.



This preview shows how white text looks on a background with the Yxy color 60.1628, 0.2579, 0.3276.

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

60.1628, 0.2579, 0.3276

Protanopia

59.6819, 0.3093, 0.3208

Deuteranopia

59.4064, 0.3064, 0.2997



Tritanopia

60.2292, 0.2524, 0.3077

Trichromacy



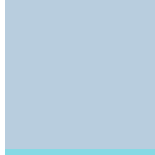
Original Color

60.1628, 0.2579, 0.3276



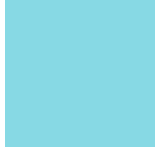
Protanomaly

59.3808, 0.2878, 0.3228



Deuteranomaly

59.1269, 0.2860, 0.3087



Tritanomaly

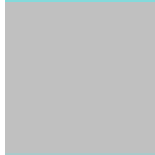
60.3780, 0.2547, 0.3150

Monochromacy



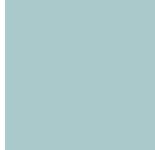
Original Color

60.1628, 0.2579, 0.3276



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.5836, 0.2889, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1628, 0.2579, 0.3276 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(132, 218, 219)` looks like.

```
.text, #text, p{  
    color:rgb(132, 218, 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(132, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 218, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.1628, 0.2579, 0.3276 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(132, 218, 219) }
```

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

```
.border{ border-color:rgb(132, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(132, 218,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1628, 0.2579, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 218, 219) }
```

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

```
.background{ background-color: rgb(132,  
218, 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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