

Converting Colors

$Yxy(61.3250, 0.2677, 0.3486)$

Have a look what the booklet for
Yxy(61.3250, 0.2677, 0.3486)
contains.

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Color

Yxy(61.4034, 0.2674, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	88DDCE
RGB	136, 221, 206
RGB Percent	53%, 87%, 81%
CMY	0.4669, 0.1333, 0.1922
CMYK	0.38, 0.00, 0.07, 0.13
HSL	169°, 56%, 70%
HSV	169°, 38%, 87%
XYZ	47.1412, 61.4034, 67.7500
YIQ	193.8750, -45.8450, -22.6850

Conversions

Conversions Part 2

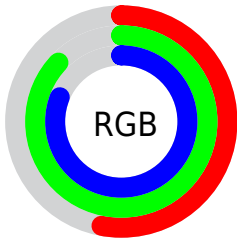
Format	Color
R _{YB}	136, 183, 221
Decimal	8969678
CIE Lab	82.60, -29.20, -0.75
CIE LCh	83, 29.206, 181.477
Yxy	61.4034, 0.2674, 0.3483
Android (android.graphics.Color)	4287159758 (0xFF88DDCE)
YUV	193.8750, 5.9776, -50.7564
Hunter-Lab	78.3603, -29.7459, 3.5903

Details

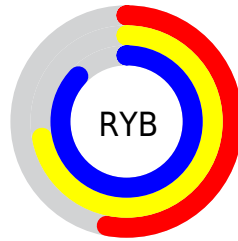
The Yxy color **61.4034, 0.2674, 0.3483** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.1992, 0.3907, 0.3111**, and the grayscale version is **53.8481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **31.2888, 0.2564, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **59.5558, 0.2584, 0.3542**, and if you desaturate by 10%, it is **63.6421, 0.2778, 0.3427**.

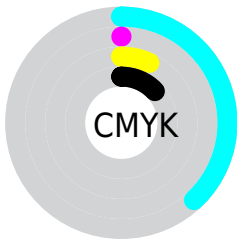
Distribution



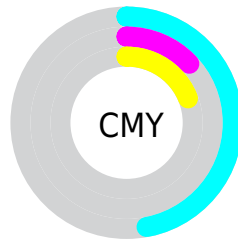
- Red (53%)
- Green (87%)
- Blue (81%)



- Red (53%)
- Yellow (72%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (47%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4034, 0.2674, 0.3483 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 61.4034, 0.2674, 0.3483 by changing the saturation by 10% instead.


 61.4034, 0.2674,
0.3483

 61.4034, 0.2674,
0.3483

429.7515, 0.2889,
0.3392

 44.5508, 0.2624,
0.3504


 106.8628, 0.2750,
0.3451

 31.1038, 0.2561,
0.3531


 136.2384, 0.2779,
0.3439

 20.6779, 0.2480,
0.3564


 170.5572, 0.2804,
0.3428

 12.8887, 0.2373,
0.3609

210.2034, 0.2825,
0.3419

 7.3520, 0.2224,
0.3671

255.5616, 0.2844,
0.3411

 3.6832, 0.2004,
0.3761

307.0161, 0.2861,

 1.4980, 0.1605,

0.3404

364.9513, 0.2876,
0.3398

0.3924

0.2873, 0.0000,
0.4401

0.0000, 0.0000,
0.0000

61.4034, 0.2674,
0.3483

61.4034, 0.2674,
0.3483

59.5558, 0.2584,
0.3542

63.6421, 0.2778,
0.3427

58.0683, 0.2511,
0.3604

66.2861, 0.2894,
0.3375

56.9170, 0.2456,
0.3667

69.3580, 0.3017,
0.3327

56.0721, 0.2421,
0.3731

72.8764, 0.3147,
0.3284

■ 55.4983, 0.2406,
0.3795

■ 76.8590, 0.3279,
0.3245

■ 55.1432, 0.2407,
0.3858

■ 78.6614, 0.3314,
0.3207

■ 55.0973, 0.2408,
0.3867

■ 78.8825, 0.3288,
0.3168

■ 79.1085, 0.3261,
0.3130

■ 79.3396, 0.3235,
0.3092

Harmonies

Analogous

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



61.4034, 0.2997, 0.3801



61.4034, 0.2674, 0.3483



61.4034, 0.2477, 0.3123

Triad

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



61.4034, 0.2674, 0.3483



61.4034, 0.2857, 0.2705



61.4034, 0.3859, 0.3685

Complementary

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



61.4034, 0.2674, 0.3483



35.1992, 0.3907, 0.3111

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.



61.4034, 0.3824, 0.3391



61.4034, 0.2674, 0.3483



61.4034, 0.3226, 0.2847

Square

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



61.4034, 0.2674, 0.3483



61.4034, 0.2577, 0.2697



61.4034, 0.3587, 0.3092



61.4034, 0.3687, 0.3900

Rectangle

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



61.4034, 0.2674, 0.3483



61.4034, 0.2435, 0.2921



61.4034, 0.3587, 0.3092



61.4034, 0.3872, 0.3592

Sweetspot

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



61.4059, 0.2674, 0.3483



94.3080, 0.2972, 0.3344



60.1278, 0.3176, 0.4425



20.0648, 0.2956, 0.3350



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.



61.4059, 0.2674, 0.3483



82.8542, 0.2602, 0.3529



49.0673, 0.2542, 0.2934



14.7880, 0.3006, 0.3332



32.0169, 0.2405, 0.3857



2.0848, 0.2376, 0.3754

Inverse Universe

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



35.1992, 0.3907, 0.3111



41.8342, 0.4155, 0.3077



43.3023, 0.3952, 0.3615



13.0889, 0.3264, 0.3249



9.0269, 0.6125, 0.3148



0.5963, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 61.4034, 0.2674, 0.3483 looks on a white background.

Color Contrast Check

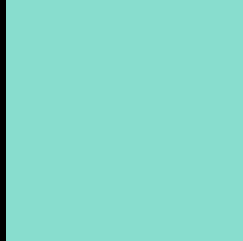
Large Text (above 18pt) WCAG AA × Fail

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 61.4034, 0.2674, 0.3483 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

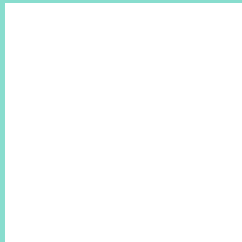
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4034, 0.2674, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 61.4034, 0.2674, 0.3483.



This preview shows how white text looks on a background with the Yxy color 61.4034, 0.2674, 0.3483.

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

61.4034, 0.2674, 0.3483

Protanopia

60.8729, 0.3231, 0.3383

Deuteranopia

60.4635, 0.3213, 0.3145



Tritanopia

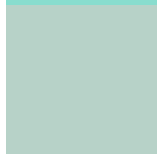
61.4059, 0.2557, 0.3079

Trichromacy



Original Color

61.4034, 0.2674, 0.3483



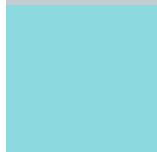
Protanomaly

60.3306, 0.2997, 0.3412



Deuteranomaly

59.6932, 0.2988, 0.3254



Tritanomaly

61.1001, 0.2595, 0.3213

Monochromacy



Original Color

61.4034, 0.2674, 0.3483



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.1472, 0.2938, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4034, 0.2674, 0.3483 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(136, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 206)  
}
```

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(136, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 206) }
```

Border

The CSS property to change the border of an element to Yxy 61.4034, 0.2674, 0.3483 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(136, 221, 206) }
```

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

```
.border{ border-color:rgb(136, 221, 206) }
```

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

Here you see how a box with a 4 pixel rgb(136, 221, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(136, 221,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4034, 0.2674, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 206) }
```

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

```
.background{ background-color: rgb(136,  
221, 206) }
```

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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