

Converting Colors

$Yxy(60.4402, 0.2704, 0.3517)$

Have a look what the booklet for
Yxy(60.4402, 0.2704, 0.3517)
contains.

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Color

Yxy(60.3306, 0.2704, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	8ADBCA
RGB	138, 219, 202
RGB Percent	54%, 86%, 79%
CMY	0.4587, 0.1412, 0.2078
CMYK	0.37, 0.00, 0.08, 0.14
HSL	167°, 53%, 70%
HSV	167°, 37%, 86%
XYZ	46.4769, 60.3306, 65.0745
YIQ	192.8430, -42.8190, -22.4590

Conversions

Conversions Part 2

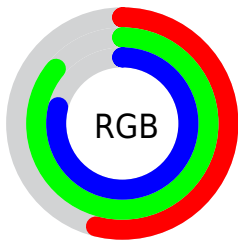
Format	Color
RYB	138, 183, 219
Decimal	9100234
CIELab	82.02, -28.57, 0.53
CIElCh	82, 28.579, 178.939
Yxy	60.3306, 0.2704, 0.3510
Android (android.graphics.Color)	4287290314 (0xFF8ADBCA)
YUV	192.8430, 4.5144, -48.0973
Hunter-Lab	77.6728, -29.1187, 4.6976

Details

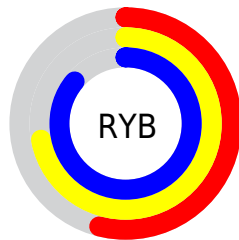
The Yxy color **60.3306, 0.2704, 0.3510** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.6125, 0.3832, 0.3086**, and the grayscale version is **53.2281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **30.5280, 0.2596, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **58.4346, 0.2615, 0.3580**, and if you desaturate by 10%, it is **62.6146, 0.2807, 0.3444**.

Distribution



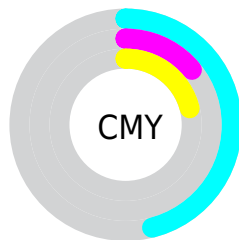
- Red (54%)
- Green (86%)
- Blue (79%)



- Red (54%)
- Yellow (72%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)





- Cyan (46%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3306, 0.2704, 0.3510 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 60.3306, 0.2704, 0.3510 by changing the saturation by 10% instead.


 60.3306, 0.2704,
0.3510


 60.3306, 0.2704,
0.3510


425.8153, 0.2906,
0.3405

 43.6852, 0.2656,
0.3535


 105.3091, 0.2775,
0.3473

 30.4231, 0.2597,
0.3566


 134.4109, 0.2803,
0.3459

 20.1599, 0.2520,
0.3606


 168.4337, 0.2826,
0.3446

 12.5114, 0.2417,
0.3660

207.7618, 0.2846,
0.3436

 7.0929, 0.2274,
0.3736

252.7796, 0.2864,
0.3427

 3.5203, 0.2059,
0.3850

303.8715, 0.2880,

 1.4090, 0.1639,

0.3419

0.4072

361.4220, 0.2893,
0.3411

■ 0.2234, 0.0000,
0.5200

■ 0.0000, 0.0000,
0.0000

■ 60.3306, 0.2704,
0.3510

■ 60.3306, 0.2704,
0.3510

■ 58.4346, 0.2615,
0.3580

■ 62.6146, 0.2807,
0.3444

■ 56.8965, 0.2542,
0.3654

■ 65.3001, 0.2920,
0.3382

■ 55.6933, 0.2487,
0.3730

■ 68.4091, 0.3040,
0.3326

■ 54.7966, 0.2451,
0.3807

■ 71.9596, 0.3165,
0.3275

■ 54.1728, 0.2435,
0.3884

■ 75.9687, 0.3293,
0.3229

■ 53.7782, 0.2438,
0.3961

■ 77.6126, 0.3316,
0.3185

■ 53.6813, 0.2440,
0.3984

■ 77.8737, 0.3284,
0.3140

■ 78.1416, 0.3252,
0.3095

■ 78.4165, 0.3221,
0.3050

Harmonies

Analogous

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



60.3306, 0.3030, 0.3813



60.3306, 0.2704, 0.3510



60.3306, 0.2497, 0.3155

Triad

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



60.3306, 0.2704, 0.3510



60.3306, 0.2834, 0.2707



60.3306, 0.3853, 0.3657

Complementary

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



60.3306, 0.2704, 0.3510



35.6125, 0.3832, 0.3086

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.



60.3306, 0.3800, 0.3364



60.3306, 0.2704, 0.3510



60.3306, 0.3193, 0.2837

Square

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



60.3306, 0.2704, 0.3510



60.3306, 0.2568, 0.2712



60.3306, 0.3553, 0.3071



60.3306, 0.3700, 0.3878

Rectangle

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



60.3306, 0.2704, 0.3510



60.3306, 0.2446, 0.2950



60.3306, 0.3553, 0.3071



60.3306, 0.3859, 0.3564

Sweetspot

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



60.3330, 0.2704, 0.3510



94.6894, 0.2990, 0.3349



59.5239, 0.3195, 0.4366



20.1386, 0.2973, 0.3356



0.0000, 0.0000, 0.0000



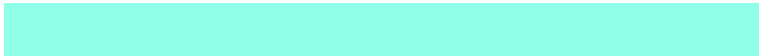
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3330, 0.2704, 0.3510



83.1368, 0.2637, 0.3562



50.0261, 0.2569, 0.2987



14.7803, 0.3010, 0.3340



31.8471, 0.2437, 0.3972



2.0752, 0.2402, 0.3848

Inverse Universe

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



35.6125, 0.3832, 0.3086



43.6109, 0.4048, 0.3046



42.3752, 0.3921, 0.3570



13.0960, 0.3259, 0.3241



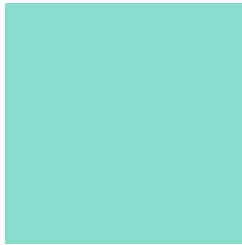
9.0597, 0.6038, 0.3100



0.5996, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 60.3306, 0.2704, 0.3510 looks on a white background.

Color Contrast Check

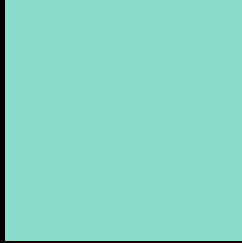
Large Text (above 18pt) WCAG AA × Fail

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 60.3306, 0.2704, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

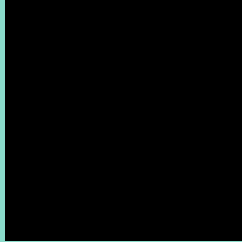
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

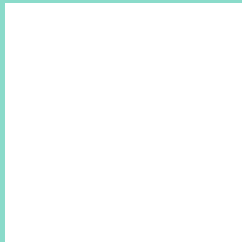
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3306, 0.2704, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 60.3306, 0.2704, 0.3510.



This preview shows how white text looks on a background with the Yxy color 60.3306, 0.2704, 0.3510.

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

60.3306, 0.2704, 0.3510

Protanopia

59.6466, 0.3247, 0.3396

Deuteranopia

59.8097, 0.3243, 0.3178



Tritanopia

60.4468, 0.2574, 0.3079

Trichromacy



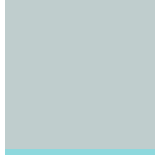
Original Color

60.3306, 0.2704, 0.3510



Protanomaly

59.1646, 0.3024, 0.3438



Deuteranomaly

59.1468, 0.3022, 0.3290



Tritanomaly

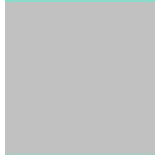
60.0830, 0.2618, 0.3225

Monochromacy



Original Color

60.3306, 0.2704, 0.3510



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.1108, 0.2951, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3306, 0.2704, 0.3510 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(138, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 202)  
}
```

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(138, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.3306, 0.2704, 0.3510 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(138, 219, 202) }
```

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

```
.border{ border-color:rgb(138, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3306, 0.2704, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 202) }
```

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

```
.background{ background-color: rgb(138,  
219, 202) }
```

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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