

Converting Colors

$Yxy(60.6025, 0.2761, 0.3411)$

Have a look what the booklet for
Yxy(60.6025, 0.2761, 0.3411)
contains.

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Color

Yxy(60.3890, 0.2759, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	99D8CF
RGB	153, 216, 207
RGB Percent	60%, 85%, 81%
CMY	0.3998, 0.1530, 0.1882
CMYK	0.29, 0.00, 0.04, 0.15
HSL	171°, 45%, 72%
HSV	171°, 29%, 85%
XYZ	48.9607, 60.3890, 68.1084
YIQ	196.1370, -34.6590, -16.1550

Conversions

Conversions Part 2

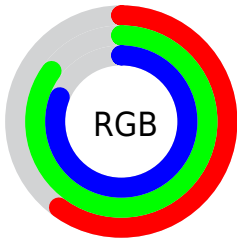
Format	Color
RYB	153, 187, 216
Decimal	10082511
CIELab	82.05, -21.81, -1.99
CIELCh	82, 21.906, 185.224
Yxy	60.3890, 0.2759, 0.3403
Android (android.graphics.Color)	4288272591 (0xFF99D8CF)
YUV	196.1370, 5.3555, -37.8311
Hunter-Lab	77.7104, -23.5308, 2.4332

Details

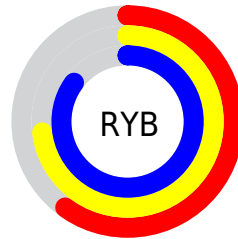
The Yxy color **60.3890, 0.2759, 0.3403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0040, 0.3678, 0.3182**, and the grayscale version is **55.2772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **30.4990, 0.2668, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **58.3263, 0.2653, 0.3448**, and if you desaturate by 10%, it is **62.8400, 0.2877, 0.3361**.

Distribution



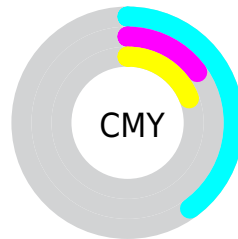
- Red (60%)
- Green (85%)
- Blue (81%)



- Red (60%)
- Yellow (73%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)




- Cyan (40%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3890, 0.2759, 0.3403 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 60.3890, 0.2759, 0.3403 by changing the saturation by 10% instead.


 60.3890, 0.2759,
0.3403


 60.3890, 0.2759,
0.3403


426.0301, 0.2934,
0.3350

 43.7323, 0.2718,
0.3415


 105.3938, 0.2821,
0.3385

 30.4601, 0.2666,
0.3430


 134.5106, 0.2844,
0.3377

 20.1881, 0.2600,
0.3449


168.5495, 0.2865,
0.3371

 12.5318, 0.2512,
0.3474

207.8950, 0.2882,
0.3366

 7.1070, 0.2388,
0.3509

252.9314, 0.2898,
0.3361

 3.5291, 0.2204,
0.3558

304.0431, 0.2911,

 1.4138, 0.1892,

0.3357

0.3637

361.6146, 0.2923,
0.3354

■ 0.2269, 0.0000,
0.3699

■ 0.0000, 0.0000,
0.0000

■ 60.3890, 0.2759,
0.3403

■ 60.3890, 0.2759,
0.3403

■ 58.3263, 0.2653,
0.3448

■ 62.8400, 0.2877,
0.3361

■ 56.6240, 0.2561,
0.3495


■ 65.6909, 0.3005,
0.3322

■ 55.2621, 0.2486,
0.3544


■ 68.9621, 0.3139,
0.3287

■ 54.2155, 0.2430,
0.3594


■ 72.6700, 0.3276,
0.3255

 53.4559, 0.2394,
0.3645

 75.6671, 0.3370,
0.3226


 52.9495, 0.2376,
0.3696


 75.8345, 0.3348,
0.3195

 52.6418, 0.2375,
0.3746

 76.0050, 0.3326,
0.3164

 52.6188, 0.2375,
0.3750

 76.1785, 0.3304,
0.3134

 76.3551, 0.3283,
0.3104

Harmonies

Analogous

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



60.3890, 0.2998, 0.3645



60.3890, 0.2759, 0.3403



60.3890, 0.2620, 0.3138

Triad

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



60.3890, 0.2759, 0.3403



60.3890, 0.2957, 0.2848



60.3890, 0.3671, 0.3621

Complementary

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



60.3890, 0.2759, 0.3403



40.0040, 0.3678, 0.3182

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.



60.3890, 0.3663, 0.3403



60.3890, 0.2759, 0.3403



60.3890, 0.3240, 0.2970

Square

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



60.3890, 0.2759, 0.3403



60.3890, 0.2730, 0.2832



60.3890, 0.3502, 0.3168



60.3890, 0.3528, 0.3764

Rectangle

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



60.3890, 0.2759, 0.3403



60.3890, 0.2598, 0.2991



60.3890, 0.3502, 0.3168



60.3890, 0.3686, 0.3553

Sweetspot

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



60.3914, 0.2759, 0.3403



95.6948, 0.3006, 0.3322



59.1434, 0.3154, 0.4118



20.3439, 0.2987, 0.3328



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.



60.3914, 0.2759, 0.3403



86.0259, 0.2692, 0.3430



50.3006, 0.2677, 0.3004



14.0759, 0.3001, 0.3323



31.1584, 0.2373, 0.3742



1.8879, 0.2349, 0.3655

Inverse Universe

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



40.0040, 0.3678, 0.3182



51.6761, 0.3845, 0.3158



47.5889, 0.3695, 0.3558



12.4494, 0.3269, 0.3257



8.7087, 0.6198, 0.3188



0.5348, 0.5787, 0.2962

Previews

White Background



This preview shows how the Yxy color 60.3890, 0.2759, 0.3403 looks on a white background.

Color Contrast Check

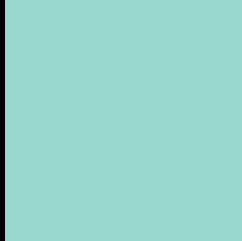
Large Text (above 18pt) WCAG AA × Fail

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 60.3890, 0.2759, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

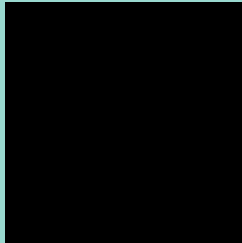
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

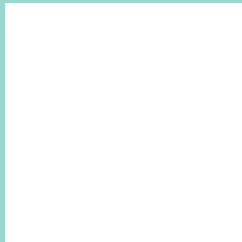
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3890, 0.2759, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 60.3890, 0.2759, 0.3403.



This preview shows how white text looks on a background with the Yxy color 60.3890, 0.2759, 0.3403.

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

60.3890, 0.2759, 0.3403

Protanopia

59.7745, 0.3195, 0.3325

Deuteranopia

59.6957, 0.3198, 0.3132



Tritanopia

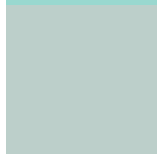
60.5708, 0.2655, 0.3082

Trichromacy



Original Color

60.3890, 0.2759, 0.3403



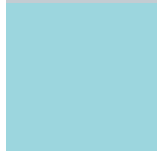
Protanomaly

59.5813, 0.3020, 0.3350



Deuteranomaly

59.4410, 0.3018, 0.3219



Tritanomaly

60.4350, 0.2689, 0.3190

Monochromacy



Original Color

60.3890, 0.2759, 0.3403



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.5853, 0.2975, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3890, 0.2759, 0.3403 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(153, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(153, 216, 207)  
}
```

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(153, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 216, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.3890, 0.2759, 0.3403 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(153, 216, 207) }
```

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

```
.border{ border-color:rgb(153, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(153, 216,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3890, 0.2759, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 216, 207) }
```

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

```
.background{ background-color: rgb(153,  
216, 207) }
```

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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