

Converting Colors

$Yxy(60.9011, 0.2754, 0.3406)$

Have a look what the booklet for
Yxy(60.9011, 0.2754, 0.3406)
contains.

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Color

Yxy(60.9521, 0.2754, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	99D9D0
RGB	153, 217, 208
RGB Percent	60%, 85%, 82%
CMY	0.4002, 0.1490, 0.1843
CMYK	0.30, 0.00, 0.04, 0.15
HSL	172°, 46%, 73%
HSV	172°, 30%, 85%
XYZ	49.3277, 60.9521, 68.8331
YIQ	196.8380, -35.2550, -16.3670

Conversions

Conversions Part 2

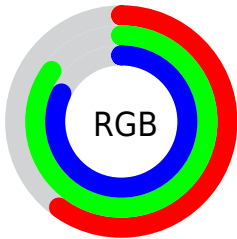
Format	Color
RYB	153, 187, 217
Decimal	10082768
CIELab	82.35, -22.13, -2.08
CIELCh	82, 22.222, 185.359
Yxy	60.9521, 0.2754, 0.3403
Android (android.graphics.Color)	4288272848 (0xFF99D9D0)
YUV	196.8380, 5.5029, -38.4459
Hunter-Lab	78.0718, -23.8451, 2.3765

Details

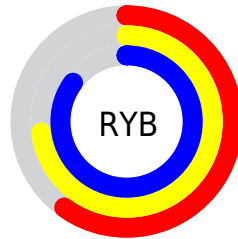
The Yxy color **60.9521, 0.2754, 0.3403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1305, 0.3689, 0.3182**, and the grayscale version is **55.7100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **30.8264, 0.2656, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **58.8831, 0.2648, 0.3447**, and if you desaturate by 10%, it is **63.4129, 0.2872, 0.3362**.

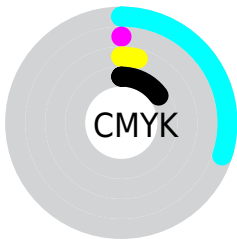
Distribution



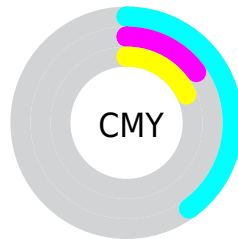
- Red (60%)
- Green (85%)
- Blue (82%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)





- Cyan (40%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9521, 0.2754, 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 60.9521, 0.2754, 0.3403 by changing the saturation by 10% instead.


 60.9521, 0.2754,
0.3403

 60.9521, 0.2754,
0.3403

428.0984, 0.2931,
0.3350

 44.1865, 0.2712,
0.3415

 106.2096, 0.2816,
0.3385

 30.8172, 0.2660,
0.3430


 135.4703, 0.2840,
0.3378

 20.4597, 0.2594,
0.3449


169.6648, 0.2861,
0.3371

 12.7296, 0.2505,
0.3474

209.1775, 0.2879,
0.3366

 7.2426, 0.2381,
0.3508

254.3928, 0.2894,
0.3362

 3.6143, 0.2196,
0.3556

305.6951, 0.2908,

 1.4602, 0.1889,

0.3357

363.4688, 0.2920,
0.3354

0.3631

0.2605, 0.0000,
0.3780

0.0000, 0.0000,
0.0000

60.9521, 0.2754,
0.3403

60.9521, 0.2754,
0.3403

58.8831, 0.2648,
0.3447

63.4129, 0.2872,
0.3362

57.1777, 0.2557,
0.3494


66.2773, 0.3000,
0.3323

55.8155, 0.2482,
0.3542

69.5659, 0.3134,
0.3288


54.7711, 0.2427,
0.3592


73.2955, 0.3271,
0.3257


 54.0155, 0.2391,
0.3642


 76.2352, 0.3362,
0.3228

 53.5144, 0.2374,
0.3692


 76.4019, 0.3341,
0.3197

 53.2100, 0.2373,
0.3741

 76.5715, 0.3319,
0.3167

 53.1969, 0.2373,
0.3743

 76.7442, 0.3298,
0.3137

 76.9198, 0.3277,
0.3107

Harmonies

Analogous

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



60.9521, 0.2995, 0.3648



60.9521, 0.2754, 0.3403



60.9521, 0.2614, 0.3135

Triad

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



60.9521, 0.2754, 0.3403



60.9521, 0.2957, 0.2844



60.9521, 0.3677, 0.3625

Complementary

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



60.9521, 0.2754, 0.3403



40.1305, 0.3689, 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.



60.9521, 0.3669, 0.3405



60.9521, 0.2754, 0.3403



60.9521, 0.3243, 0.2967

Square

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



60.9521, 0.2754, 0.3403



60.9521, 0.2726, 0.2827



60.9521, 0.3508, 0.3168



60.9521, 0.3531, 0.3770

Rectangle

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



60.9521, 0.2754, 0.3403



60.9521, 0.2592, 0.2987



60.9521, 0.3508, 0.3168



60.9521, 0.3692, 0.3557

Sweetspot

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



60.9546, 0.2754, 0.3403



95.6977, 0.3006, 0.3322



59.6721, 0.3155, 0.4130



20.3446, 0.2986, 0.3327



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.



60.9546, 0.2754, 0.3403



86.0366, 0.2691, 0.3428



50.6273, 0.2671, 0.3000



14.7964, 0.3001, 0.3323



32.2100, 0.2371, 0.3736



2.0956, 0.2349, 0.3655

Inverse Universe

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



40.1305, 0.3689, 0.3182



51.6689, 0.3847, 0.3160



47.8594, 0.3704, 0.3562



13.0812, 0.3270, 0.3257



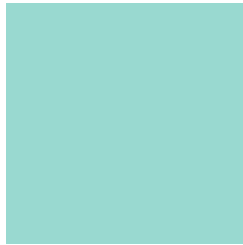
8.9976, 0.6205, 0.3192



0.5927, 0.5819, 0.2979

Previews

White Background



This preview shows how the Yxy color 60.9521, 0.2754, 0.3403 looks on a white background.

Color Contrast Check

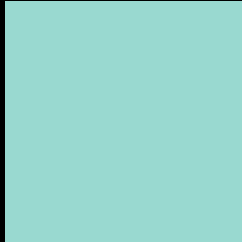
Large Text (above 18pt) WCAG AA × Fail

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 60.9521, 0.2754, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

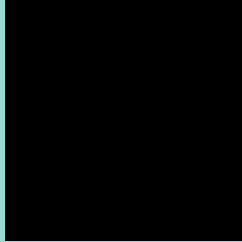
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

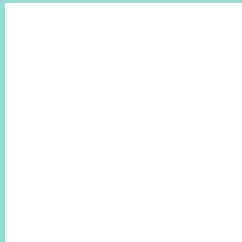
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9521, 0.2754, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 60.9521, 0.2754, 0.3403.



This preview shows how white text looks on a background with the Yxy color 60.9521, 0.2754, 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

60.9521, 0.2754, 0.3403

Protanopia

60.4373, 0.3195, 0.3325

Deuteranopia

60.3573, 0.3197, 0.3133



Tritanopia

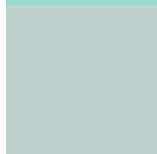
61.1318, 0.2651, 0.3082

Trichromacy



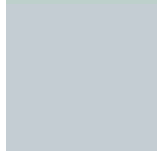
Original Color

60.9521, 0.2754, 0.3403



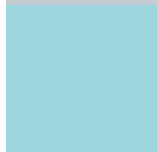
Protanomaly

60.2424, 0.3021, 0.3350



Deuteranomaly

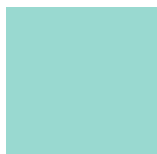
60.1016, 0.3018, 0.3219



Tritanomaly

60.9965, 0.2685, 0.3190

Monochromacy



Original Color

60.9521, 0.2754, 0.3403



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.2265, 0.2976, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9521, 0.2754, 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, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(153, 217, 208)  
}
```

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, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 217, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.9521, 0.2754, 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, 217, 208) }
```

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

```
.border{ border-color:rgb(153, 217, 208) }
```

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

Here you see how a box with a 4 pixel rgb(153, 217, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(153, 217,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9521, 0.2754, 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, 217, 208) }
```

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

```
.background{ background-color: rgb(153,  
217, 208) }
```

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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