

Converting Colors

$Yxy(51.9032, 0.2833, 0.3613)$

Have a look what the booklet for
Yxy(51.9032, 0.2833, 0.3613)
contains.

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Color

Yxy(51.6699, 0.2832, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	8DCBB4
RGB	141, 203, 180
RGB Percent	55%, 80%, 71%
CMY	0.4474, 0.2038, 0.2941
CMYK	0.31, 0.00, 0.11, 0.20
HSL	158°, 37%, 67%
HSV	158°, 31%, 80%
XYZ	40.5681, 51.6699, 51.0110
YIQ	181.8400, -29.5690, -20.2970

Conversions

Conversions Part 2

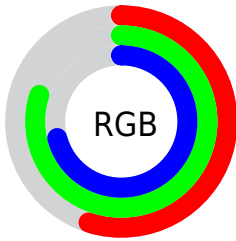
Format	Color
RYB	141, 179, 203
Decimal	9292724
CIELab	77.08, -24.76, 5.15
CIElCh	77, 25.291, 168.240
Yxy	51.6699, 0.2832, 0.3607
Android (android.graphics.Color)	4287482804 (0xFF8DCBB4)
YUV	181.8400, -0.9071, -35.8167
Hunter-Lab	71.8818, -25.0526, 8.2421

Details

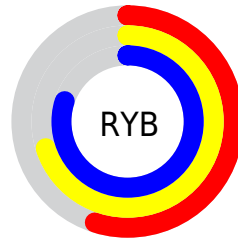
The Yxy color **51.6699, 0.2832, 0.3607** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4049, 0.3557, 0.2996**, and the grayscale version is **46.6969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3119, 0.2881, 0.3493**, and **25.1019, 0.2750, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **49.7551, 0.2750, 0.3730**, and if you desaturate by 10%, it is **53.9317, 0.2923, 0.3493**.

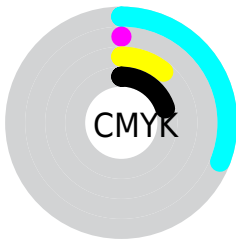
Distribution



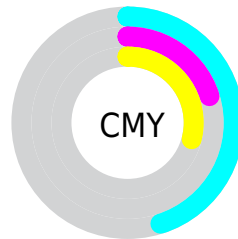
- Red (55%)
- Green (80%)
- Blue (71%)



- Red (55%)
- Yellow (70%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)




- Cyan (45%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6699, 0.2832, 0.3607 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 51.6699, 0.2832, 0.3607 by changing the saturation by 10% instead.

 51.6699, 0.2832,
0.3607


 51.6699, 0.2832,
0.3607


393.1609, 0.2978,
0.3448

 36.7420, 0.2796,
0.3647


 92.6442, 0.2885,
0.3549

 25.0078, 0.2750,
0.3698


 119.4595, 0.2905,
0.3527

 16.0829, 0.2688,
0.3766


151.0060, 0.2922,
0.3509

 9.5828, 0.2604,
0.3862

187.6681, 0.2936,
0.3493

 5.1232, 0.2479,
0.4006

229.8303, 0.2949,
0.3480

 2.3198, 0.2277,
0.4245

277.8769, 0.2960,

 0.7841, 0.0993,

0.3468

0.5528

332.1923, 0.2970,
0.3457

0.0000, 0.0000,
0.0000

51.6699, 0.2832,
0.3607

51.6699, 0.2832,
0.3607

49.7551, 0.2750,
0.3730

53.9317, 0.2923,
0.3493

48.1629, 0.2681,
0.3862

56.5510, 0.3020,
0.3389

46.8756, 0.2628,
0.4001

59.5454, 0.3121,
0.3295

45.8710, 0.2592,
0.4143

62.9297, 0.3224,
0.3211

45.1241, 0.2577,
0.4287

66.7178, 0.3326,
0.3137

 44.6049, 0.2581,
0.4430

 69.4261, 0.3367,
0.3067

 44.2726, 0.2600,
0.4561

 69.8465, 0.3311,
0.2993

 70.2852, 0.3256,
0.2920

 70.7426, 0.3202,
0.2849

Harmonies

Analogous

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



51.6699, 0.3160, 0.3841



51.6699, 0.2832, 0.3607



51.6699, 0.2591, 0.3281

Triad

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



51.6699, 0.2832, 0.3607



51.6699, 0.2752, 0.2730



51.6699, 0.3808, 0.3542

Complementary

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



51.6699, 0.2832, 0.3607



34.4049, 0.3557, 0.2996

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.



51.6699, 0.3689, 0.3260



51.6699, 0.2832, 0.3607



51.6699, 0.3065, 0.2809

Square

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



51.6699, 0.2832, 0.3607



51.6699, 0.2548, 0.2786



51.6699, 0.3411, 0.2999



51.6699, 0.3732, 0.3779

Rectangle

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



51.6699, 0.2832, 0.3607



51.6699, 0.2507, 0.3072



51.6699, 0.3411, 0.2999



51.6699, 0.3790, 0.3449

Sweetspot

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



51.6720, 0.2832, 0.3607



95.3681, 0.3035, 0.3375



52.6119, 0.3268, 0.4131



20.2631, 0.3020, 0.3389



0.0000, 0.0000, 0.0000



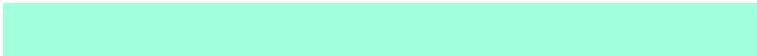
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6720, 0.2832, 0.3607



84.2288, 0.2774, 0.3691



49.3470, 0.2680, 0.3191



12.6537, 0.3032, 0.3377



28.1870, 0.2595, 0.4542



1.4685, 0.2519, 0.4268

Inverse Universe

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



34.4049, 0.3557, 0.2996



50.5965, 0.3694, 0.2927



35.8525, 0.3783, 0.3386



11.2813, 0.3233, 0.3204



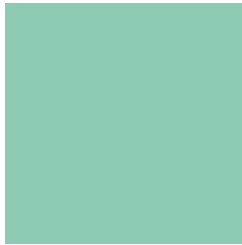
8.4219, 0.5476, 0.2790



0.4490, 0.4939, 0.2495

Previews

White Background



This preview shows how the Yxy color 51.6699, 0.2832, 0.3607 looks on a white background.

Color Contrast Check

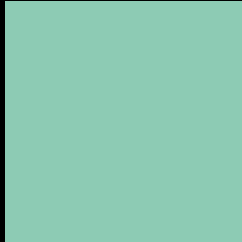
Large Text (above 18pt) WCAG AA × Fail

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 51.6699, 0.2832, 0.3607 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

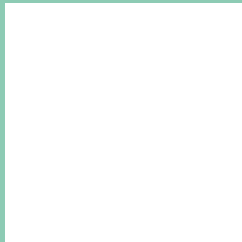
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6699, 0.2832, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 51.6699, 0.2832, 0.3607.

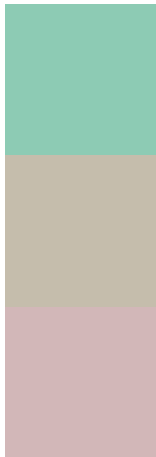


This preview shows how white text looks on a background with the Yxy color 51.6699, 0.2832, 0.3607.

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

51.6699, 0.2832, 0.3607

Protanopia

51.2441, 0.3327, 0.3503

Deuteranopia

51.0293, 0.3352, 0.3279



Tritanopia

51.5391, 0.2663, 0.3081

Trichromacy



Original Color

51.6699, 0.2832, 0.3607

Protanomaly

51.0258, 0.3132, 0.3538

Deuteranomaly

50.5601, 0.3139, 0.3379

Tritanomaly

51.5926, 0.2718, 0.3262

Monochromacy



Original Color

51.6699, 0.2832, 0.3607

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.3786, 0.3009, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6699, 0.2832, 0.3607 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(141, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(141, 203, 180)  
}
```

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(141, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 203, 180) }
```

Border

The CSS property to change the border of an element to Yxy 51.6699, 0.2832, 0.3607 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(141, 203, 180) }
```

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

```
.border{ border-color:rgb(141, 203, 180) }
```

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

Here you see how a box with a 4 pixel rgb(141, 203, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(141, 203,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6699, 0.2832, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 203, 180) }
```

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

```
.background{ background-color: rgb(141,  
203, 180) }
```

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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