

Converting Colors

$Yxy(51.0535, 0.2899, 0.3483)$

Have a look what the booklet for
Yxy(51.0535, 0.2899, 0.3483)
contains.

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Color

Yxy(51.2761, 0.2900, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	9BC7B8
RGB	155, 199, 184
RGB Percent	61%, 78%, 72%
CMY	0.3921, 0.2196, 0.2784
CMYK	0.22, 0.00, 0.08, 0.22
HSL	160°, 28%, 69%
HSV	160°, 22%, 78%
XYZ	42.5954, 51.2761, 53.0093
YIQ	184.1340, -21.4090, -13.9930

Conversions

Conversions Part 2

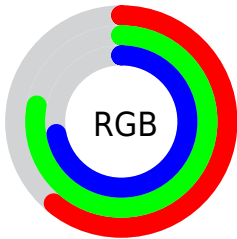
Format	Color
RYB	155, 182, 199
Decimal	10209208
CIELab	76.85, -17.57, 2.74
CIElCh	77, 17.782, 171.124
Yxy	51.2761, 0.2900, 0.3491
Android (android.graphics.Color)	4288399288 (0xFF9BC7B8)
YUV	184.1340, -0.0661, -25.5505
Hunter-Lab	71.6073, -19.1326, 6.2341

Details

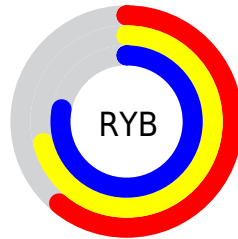
The Yxy color $51.2761, 0.2900, 0.3491$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $38.4904, 0.3423, 0.3098$, and the grayscale version is $48.0225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.5129, 0.2940, 0.3446$, and $24.7731, 0.2839, 0.3549$ is the 20% darker color. If you saturate the color by 10%, you get $49.1912, 0.2807, 0.3596$, and if you desaturate by 10%, it is $53.7034, 0.3000, 0.3395$.

Distribution



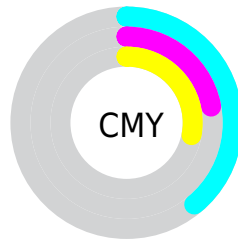
- Red (61%)
- Green (78%)
- Blue (72%)



- Red (61%)
- Yellow (71%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)





- Cyan (39%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2761, 0.2900, 0.3491 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 51.2761, 0.2900, 0.3491 by changing the saturation by 10% instead.


 51.2761, 0.2900,
0.3491


 51.2761, 0.2900,
0.3491


391.6355, 0.3012,
0.3391

 36.4284, 0.2872,
0.3516

 92.0628, 0.2941,
0.3455

 24.7652, 0.2837,
0.3548


 118.7705, 0.2956,
0.3441

 15.9022, 0.2790,
0.3590


150.2004, 0.2969,
0.3430

 9.4550, 0.2726,
0.3649

186.7368, 0.2980,
0.3420

 5.0391, 0.2631,
0.3737

228.7641, 0.2990,
0.3411

 2.2702, 0.2479,
0.3881

276.6667, 0.2998,

 0.7579, 0.1732,

0.3404

0.4504

330.8291, 0.3006,
0.3397

0.0000, 0.0000,
0.0000

51.2761, 0.2900,
0.3491

51.2761, 0.2900,
0.3491

49.1912, 0.2807,
0.3596

53.7034, 0.3000,
0.3395

47.4261, 0.2724,
0.3710

56.4816, 0.3105,
0.3307

45.9657, 0.2654,
0.3831

59.6269, 0.3211,
0.3229

44.7908, 0.2601,
0.3958

63.1527, 0.3318,
0.3159

43.8801, 0.2566,
0.4088

67.0715, 0.3424,
0.3098

■ 43.2092, 0.2550,
0.4219

■ 67.5261, 0.3375,
0.3031

■ 42.7488, 0.2555,
0.4349

■ 67.9027, 0.3324,
0.2964

■ 42.4920, 0.2569,
0.4450

■ 68.2941, 0.3274,
0.2899

■ 68.7006, 0.3224,
0.2834

Harmonies

Analogous

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



51.2761, 0.3131, 0.3661



51.2761, 0.2900, 0.3491



51.2761, 0.2734, 0.3266

Triad

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



51.2761, 0.2900, 0.3491



51.2761, 0.2881, 0.2890



51.2761, 0.3606, 0.3494

Complementary

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



51.2761, 0.2900, 0.3491



38.4904, 0.3423, 0.3098

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.



51.2761, 0.3535, 0.3293



51.2761, 0.2900, 0.3491



51.2761, 0.3109, 0.2954

Square

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



51.2761, 0.2900, 0.3491



51.2761, 0.2723, 0.2925



51.2761, 0.3351, 0.3099



51.2761, 0.3543, 0.3652

Rectangle

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



51.2761, 0.2900, 0.3491



51.2761, 0.2679, 0.3122



51.2761, 0.3351, 0.3099



51.2761, 0.3597, 0.3429

Sweetspot

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



51.2782, 0.2900, 0.3491



96.3850, 0.3052, 0.3350



51.8055, 0.3220, 0.3879



20.5668, 0.3046, 0.3355



0.0000, 0.0000, 0.0000



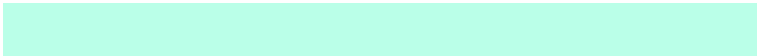
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2782, 0.2900, 0.3491



87.7787, 0.2850, 0.3546



48.9693, 0.2796, 0.3201



12.0038, 0.3028, 0.3370



27.3401, 0.2565, 0.4432



1.3077, 0.2490, 0.4164

Inverse Universe

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



38.4904, 0.3423, 0.3098



61.0742, 0.3516, 0.3050



40.2123, 0.3554, 0.3377



10.6956, 0.3237, 0.3212



8.0891, 0.5590, 0.2853



0.3966, 0.4999, 0.2528

Previews

White Background



This preview shows how the Yxy color 51.2761, 0.2900, 0.3491 looks on a white background.

Color Contrast Check

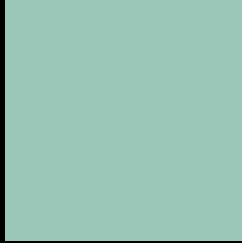
Large Text (above 18pt) WCAG AA × Fail

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 51.2761, 0.2900, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

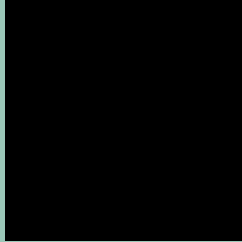
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

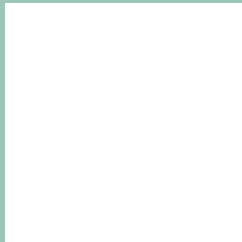
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2761, 0.2900, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 51.2761, 0.2900, 0.3491.



This preview shows how white text looks on a background with the Yxy color 51.2761, 0.2900, 0.3491.

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

51.2761, 0.2900, 0.3491

Protanopia

50.7829, 0.3264, 0.3416

Deuteranopia

50.8647, 0.3309, 0.3242



Tritanopia

51.2069, 0.2756, 0.3083

Trichromacy



Original Color

51.2761, 0.2900, 0.3491

Protanomaly

50.6979, 0.3120, 0.3445

Deuteranomaly

50.7592, 0.3150, 0.3328

Tritanomaly

50.9660, 0.2807, 0.3224

Monochromacy



Original Color

51.2761, 0.2900, 0.3491

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7401, 0.3035, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2761, 0.2900, 0.3491 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(155, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(155, 199, 184)  
}
```

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(155, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 199, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.2761, 0.2900, 0.3491 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(155, 199, 184) }
```

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

```
.border{ border-color:rgb(155, 199, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 199, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 199, 184); box-shadow:4px 4px 4px 4px rgb(155, 199, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2761, 0.2900, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 199, 184) }
```

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

```
.background{ background-color: rgb(155,  
199, 184) }
```

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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