

Converting Colors

$Yxy(49.9927, 0.3029, 0.3619)$

Have a look what the booklet for
Yxy(49.9927, 0.3029, 0.3619)
contains.

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Color

Yxy(50.0355, 0.3026, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	A1C4AC
RGB	161, 196, 172
RGB Percent	63%, 77%, 67%
CMY	0.3687, 0.2313, 0.3254
CMYK	0.18, 0.00, 0.12, 0.23
HSL	139°, 23%, 70%
HSV	139°, 18%, 77%
XYZ	41.8831, 50.0355, 46.4922
YIQ	182.7990, -13.1560, -14.8840

Conversions

Conversions Part 2

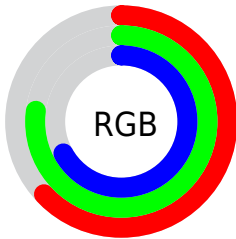
Format	Color
RYB	161, 188, 196
Decimal	10601644
CIELab	76.09, -16.46, 8.17
CIELCh	76, 18.378, 153.592
Yxy	50.0355, 0.3026, 0.3615
Android (android.graphics.Color)	4288791724 (0xFFA1C4AC)
YUV	182.7990, -5.3239, -19.1177
Hunter-Lab	70.7358, -18.0966, 10.5458

Details

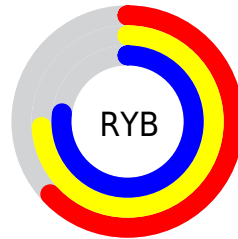
The Yxy color **50.0355, 0.3026, 0.3615** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7210, 0.3245, 0.2986**, and the grayscale version is **47.2731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3955, 0.3047, 0.3562**, and **23.9533, 0.2994, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **47.6686, 0.2972, 0.3827**, and if you desaturate by 10%, it is **52.7779, 0.3082, 0.3425**.

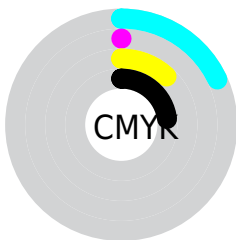
Distribution



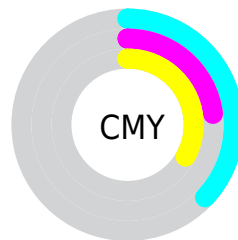
- Red (63%)
- Green (77%)
- Blue (67%)



- Red (63%)
- Yellow (74%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0355, 0.3026, 0.3615 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 50.0355, 0.3026, 0.3615 by changing the saturation by 10% instead.


 50.0355, 0.3026,
0.3615

 50.0355, 0.3026,
0.3615


386.8048, 0.3078,
0.3451

 35.4416, 0.3013,
0.3657


 90.2275, 0.3045,
0.3555

 24.0032, 0.2995,
0.3710


 116.5943, 0.3052,
0.3532

 15.3360, 0.2972,
0.3783


147.6543, 0.3058,
0.3514

 9.0556, 0.2938,
0.3885

183.7918, 0.3063,
0.3497

 4.7774, 0.2887,
0.4040

225.3912, 0.3068,
0.3483

 2.1173, 0.2797,
0.4303

272.8369, 0.3071,

 0.6743, 0.2222,

0.3471

0.6266

326.5133, 0.3075,
0.3460

0.0000, 0.0000,
0.0000

50.0355, 0.3026,
0.3615

50.0355, 0.3026,
0.3615

47.6686, 0.2972,
0.3827

52.7779, 0.3082,
0.3425

45.6545, 0.2922,
0.4060

55.9048, 0.3139,
0.3256

43.9777, 0.2880,
0.4309

59.4327, 0.3195,
0.3107


42.6191, 0.2848,
0.4570

63.3754, 0.3249,
0.2977

41.5574, 0.2831,
0.4834

66.9824, 0.3270,
0.2860


 40.7688, 0.2829,
0.5089

 67.8059, 0.3172,
0.2735

 40.2257, 0.2844,
0.5323

 67.9630, 0.3154,
0.2712

 39.8877, 0.2873,
0.5526

 39.8286, 0.2879,
0.5565

Harmonies

Analogous

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



50.0355, 0.3278, 0.3728



50.0355, 0.3026, 0.3615



50.0355, 0.2808, 0.3404

Triad

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



50.0355, 0.3026, 0.3615



50.0355, 0.2763, 0.2882



50.0355, 0.3600, 0.3381

Complementary

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



50.0355, 0.3026, 0.3615



40.7210, 0.3245, 0.2986

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.



50.0355, 0.3451, 0.3171



50.0355, 0.3026, 0.3615



50.0355, 0.2963, 0.2890

Square

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



50.0355, 0.3026, 0.3615



50.0355, 0.2660, 0.2979



50.0355, 0.3215, 0.2994



50.0355, 0.3616, 0.3578

Rectangle

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



50.0355, 0.3026, 0.3615



50.0355, 0.2708, 0.3245



50.0355, 0.3215, 0.2994



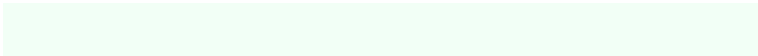
50.0355, 0.3564, 0.3310

Sweetspot

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



50.0376, 0.3026, 0.3615



97.1120, 0.3098, 0.3375



52.4320, 0.3304, 0.3742



20.7022, 0.3094, 0.3388



0.0000, 0.0000, 0.0000



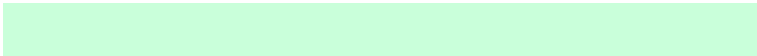
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0376, 0.3026, 0.3615



89.0795, 0.3007, 0.3686



50.7323, 0.2908, 0.3382



11.3100, 0.3074, 0.3452



25.6036, 0.2872, 0.5540



1.1190, 0.2741, 0.5066

Inverse Universe

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



40.7210, 0.3245, 0.2986



69.4232, 0.3272, 0.2924



40.0465, 0.3402, 0.3200



10.1917, 0.3185, 0.3134



8.6664, 0.4192, 0.2083



0.3865, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 50.0355, 0.3026, 0.3615 looks on a white background.

Color Contrast Check

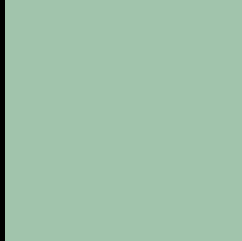
Large Text (above 18pt) WCAG AA × Fail

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 50.0355, 0.3026, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

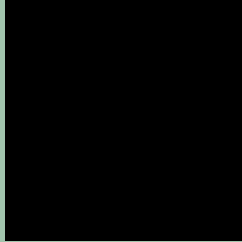
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0355, 0.3026, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 50.0355, 0.3026, 0.3615.



This preview shows how white text looks on a background with the Yxy color 50.0355, 0.3026, 0.3615.

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

50.0355, 0.3026, 0.3615

Protanopia

49.9328, 0.3354, 0.3544

Deuteranopia

49.8445, 0.3431, 0.3364



Tritanopia

49.9333, 0.2834, 0.3096

Trichromacy



Original Color

50.0355, 0.3026, 0.3615

Protanomaly

49.7588, 0.3230, 0.3564

Deuteranomaly

49.3803, 0.3273, 0.3443

Tritanomaly

50.0343, 0.2902, 0.3276

Monochromacy



Original Color

50.0355, 0.3026, 0.3615

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3351, 0.3089, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0355, 0.3026, 0.3615 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(161, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 172)  
}
```

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(161, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 172) }
```

Border

The CSS property to change the border of an element to Yxy 50.0355, 0.3026, 0.3615 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(161, 196, 172) }
```

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

```
.border{ border-color:rgb(161, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 196, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 196, 172); box-shadow:4px 4px 4px 4px rgb(161, 196, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0355, 0.3026, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 172) }
```

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

```
.background{ background-color: rgb(161,  
196, 172) }
```

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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