

Converting Colors

$Yxy(57.1634, 0.2966, 0.3654)$

Have a look what the booklet for
Yxy(57.1634, 0.2966, 0.3654)
contains.

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Color

Yxy(57.1520, 0.2966, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	A2D2B6
RGB	162, 210, 182
RGB Percent	64%, 82%, 71%
CMY	0.3650, 0.1764, 0.2863
CMYK	0.23, 0.00, 0.13, 0.18
HSL	145°, 35%, 73%
HSV	145°, 23%, 82%
XYZ	46.3783, 57.1520, 52.8363
YIQ	192.4560, -19.6200, -18.8840

Conversions

Conversions Part 2

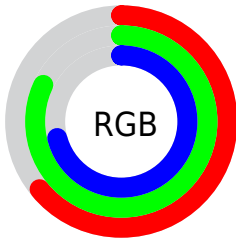
Format	Color
RYB	162, 196, 210
Decimal	10670774
CIELab	80.27, -21.30, 8.81
CIELCh	80, 23.049, 157.528
Yxy	57.1520, 0.2966, 0.3655
Android (android.graphics.Color)	4288860854 (0xFFA2D2B6)
YUV	192.4560, -5.1548, -26.7099
Hunter-Lab	75.5989, -22.7922, 11.4813

Details

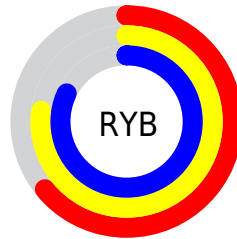
The Yxy color **57.1520, 0.2966, 0.3655** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2361, 0.3330, 0.2952**, and the grayscale version is **53.0250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5985, 0.2997, 0.3465**, and **28.2789, 0.2919, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **54.6525, 0.2901, 0.3844**, and if you desaturate by 10%, it is **60.0677, 0.3035, 0.3484**.

Distribution



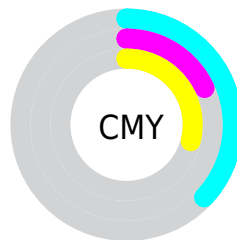
- Red (64%)
- Green (82%)
- Blue (71%)



- Red (64%)
- Yellow (77%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (37%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1520, 0.2966, 0.3655 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 57.1520, 0.2966, 0.3655 by changing the saturation by 10% instead.


 57.1520, 0.2966,
0.3655

 57.1520, 0.2966,
0.3655

414.0186, 0.3046,
0.3474

 41.1273, 0.2946,
0.3700


 100.6869, 0.2995,
0.3590

 28.4186, 0.2921,
0.3757

 128.9660, 0.3006,
0.3565

 18.6414, 0.2887,
0.3833


162.0985, 0.3015,
0.3544

 11.4115, 0.2840,
0.3937

200.4691, 0.3023,
0.3526

 6.3443, 0.2772,
0.4092

244.4620, 0.3030,
0.3510

 3.0556, 0.2660,
0.4342

294.4616, 0.3036,

 1.1608, 0.2391,

0.3497

0.4956

350.8523, 0.3041,
0.3485

0.0293, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1520, 0.2966,
0.3655

57.1520, 0.2966,
0.3655

54.6525, 0.2901,
0.3844

60.0677, 0.3035,
0.3484

52.5429, 0.2845,
0.4049

63.4106, 0.3106,
0.3331

50.8043, 0.2798,
0.4267

67.2000, 0.3178,
0.3195

49.4140, 0.2766,
0.4493

71.4519, 0.3248,
0.3076

■ 48.3461, 0.2752,
0.4722

■ 73.8465, 0.3229,
0.2962

■ 47.5714, 0.2756,
0.4945

■ 74.5835, 0.3148,
0.2851

■ 47.0544, 0.2779,
0.5153

■ 46.8016, 0.2803,
0.5290

Harmonies

Analogous

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



57.1520, 0.3266, 0.3810



57.1520, 0.2966, 0.3655



57.1520, 0.2717, 0.3388

Triad

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



57.1520, 0.2966, 0.3655



57.1520, 0.2717, 0.2797



57.1520, 0.3708, 0.3428

Complementary

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



57.1520, 0.2966, 0.3655



43.2361, 0.3330, 0.2952

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.



57.1520, 0.3547, 0.3178



57.1520, 0.2966, 0.3655



57.1520, 0.2967, 0.2825

Square

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



57.1520, 0.2966, 0.3655



57.1520, 0.2579, 0.2894



57.1520, 0.3271, 0.2962



57.1520, 0.3703, 0.3658

Rectangle

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



57.1520, 0.2966, 0.3655



57.1520, 0.2610, 0.3196



57.1520, 0.3271, 0.2962



57.1520, 0.3672, 0.3344

Sweetspot

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



57.1544, 0.2966, 0.3655



96.1183, 0.3076, 0.3393



59.6545, 0.3311, 0.3888



20.5051, 0.3072, 0.3402



0.0000, 0.0000, 0.0000



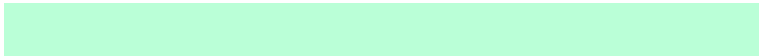
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1544, 0.2966, 0.3655



86.8775, 0.2937, 0.3736



58.2343, 0.2815, 0.3340



13.2869, 0.3060, 0.3429



28.5609, 0.2795, 0.5263



1.6126, 0.2693, 0.4893

Inverse Universe

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



43.2361, 0.3330, 0.2952



61.9475, 0.3379, 0.2884



42.2710, 0.3556, 0.3242



11.9222, 0.3201, 0.3155



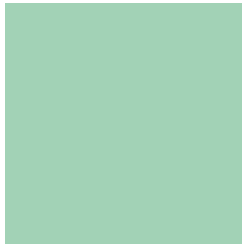
9.2415, 0.4599, 0.2307



0.5324, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 57.1520, 0.2966, 0.3655 looks on a white background.

Color Contrast Check

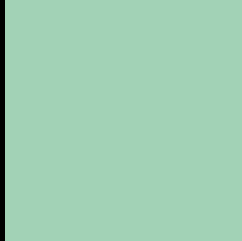
Large Text (above 18pt) WCAG AA × Fail

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 57.1520, 0.2966, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

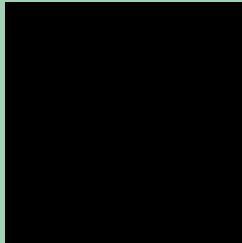
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1520, 0.2966, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 57.1520, 0.2966, 0.3655.

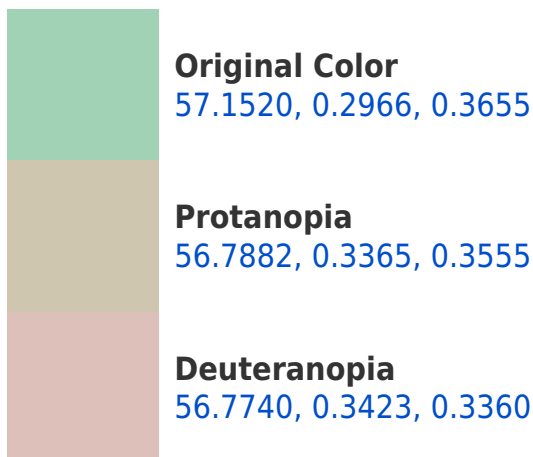


This preview shows how white text looks on a background with the Yxy color 57.1520, 0.2966, 0.3655.

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





Tritanopia

56.8412, 0.2764, 0.3080

Trichromacy



Original Color

57.1520, 0.2966, 0.3655

Protanomaly

56.5318, 0.3215, 0.3588

Deuteranomaly

56.6290, 0.3238, 0.3460

Tritanomaly

56.7546, 0.2832, 0.3277

Monochromacy



Original Color

57.1520, 0.2966, 0.3655

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.3014, 0.3066, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1520, 0.2966, 0.3655 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(162, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 210, 182)  
}
```

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(162, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 210, 182) }
```

Border

The CSS property to change the border of an element to Yxy 57.1520, 0.2966, 0.3655 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(162, 210, 182) }
```

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

```
.border{ border-color:rgb(162, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 210,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1520, 0.2966, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 210, 182) }
```

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

```
.background{ background-color: rgb(162,  
210, 182) }
```

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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