

Converting Colors

Yxy(53.8647, 0.3131, 0.3687)

Have a look what the booklet for
Yxy(53.8647, 0.3131, 0.3687)
contains.

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Color

Yxy(53.7122, 0.3132, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	AEC9AB
RGB	174, 201, 171
RGB Percent	68%, 79%, 67%
CMY	0.3177, 0.2117, 0.3295
CMYK	0.13, 0.00, 0.15, 0.21
HSL	114°, 22%, 73%
HSV	114°, 15%, 79%
XYZ	45.6889, 53.7122, 46.4767
YIQ	189.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

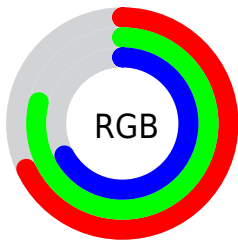
Format	Color
RYB	171, 201, 198
Decimal	11454891
CIELab	78.29, -14.76, 11.99
CIELCh	78, 19.016, 140.920
Yxy	53.7122, 0.3132, 0.3682
Android (android.graphics.Color)	4289644971 (0xFFAEC9AB)
YUV	189.5070, -9.1240, -13.5996
Hunter-Lab	73.2886, -16.9762, 13.7027

Details

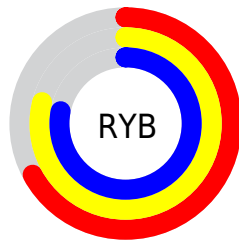
The Yxy color **53.7122, 0.3132, 0.3682** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.3418, 0.3118, 0.2922**, and the grayscale version is **51.2496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8340, 0.3138, 0.3586**, and **26.2643, 0.3124, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **51.0661, 0.3133, 0.3984**, and if you desaturate by 10%, it is **56.7592, 0.3129, 0.3412**.

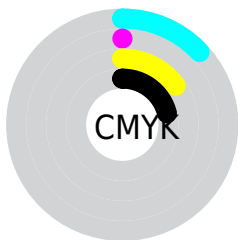
Distribution



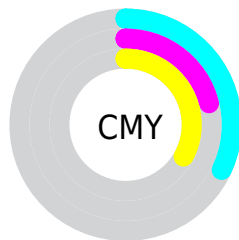
- Red (68%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (79%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)




- Cyan (32%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7122, 0.3132, 0.3682 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 53.7122, 0.3132, 0.3682 by changing the saturation by 10% instead.


 53.7122, 0.3132,
0.3682

 53.7122, 0.3132,
0.3682


401.0116, 0.3132,
0.3486

 38.3716, 0.3131,
0.3731


 95.6515, 0.3133,
0.3611

 26.2712, 0.3130,
0.3794

123.0191, 0.3133,
0.3584

 17.0267, 0.3127,
0.3878


155.1644, 0.3133,
0.3561

 10.2535, 0.3122,
0.3994

192.4719, 0.3132,
0.3542

 5.5674, 0.3112,
0.4168

235.3260, 0.3132,
0.3525

 2.5838, 0.3088,
0.4454

284.1110, 0.3132,

 0.9185, 0.3217,

0.3510

0.5768

339.2114, 0.3132,
0.3497

0.0000, 0.0000,
0.0000

53.7122, 0.3132,
0.3682

53.7122, 0.3132,
0.3682

51.0661, 0.3133,
0.3984

56.7592, 0.3129,
0.3412

48.7977, 0.3130,
0.4312

60.2157, 0.3125,
0.3173

46.8917, 0.3124,
0.4658

64.0984, 0.3119,
0.2965

45.3293, 0.3113,
0.5004

68.4213, 0.3113,
0.2785

44.0900, 0.3097,
0.5328

70.2578, 0.3152,
0.2762

■ 43.1509, 0.3077,
0.5606

■ 42.4861, 0.3054,
0.5814

■ 42.0654, 0.3031,
0.5941

■ 41.9279, 0.3022,
0.5982

Harmonies

Analogous

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



53.7122, 0.3380, 0.3741



53.7122, 0.3132, 0.3682



53.7122, 0.2889, 0.3503

Triad

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



53.7122, 0.3132, 0.3682



53.7122, 0.2701, 0.2906



53.7122, 0.3556, 0.3291

Complementary

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



53.7122, 0.3132, 0.3682



45.3418, 0.3118, 0.2922

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.



53.7122, 0.3361, 0.3088



53.7122, 0.3132, 0.3682



53.7122, 0.2866, 0.2869

Square

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



53.7122, 0.3132, 0.3682



53.7122, 0.2647, 0.3047



53.7122, 0.3106, 0.2936



53.7122, 0.3632, 0.3502

Rectangle

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



53.7122, 0.3132, 0.3682



53.7122, 0.2762, 0.3346



53.7122, 0.3106, 0.2936



53.7122, 0.3502, 0.3220

Sweetspot

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



53.7145, 0.3132, 0.3682



97.6609, 0.3129, 0.3389



55.5211, 0.3355, 0.3616



20.8121, 0.3129, 0.3409



0.0000, 0.0000, 0.0000



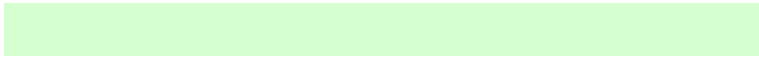
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7145, 0.3132, 0.3682



90.3789, 0.3132, 0.3779



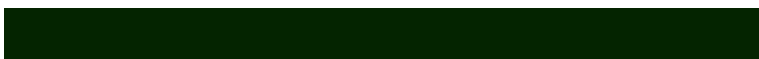
53.8312, 0.3028, 0.3530



11.9378, 0.3131, 0.3528



26.3787, 0.3026, 0.5979



1.2667, 0.3111, 0.5912

Inverse Universe

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



45.3418, 0.3118, 0.2922



73.2686, 0.3115, 0.2837



45.2329, 0.3241, 0.3061



10.7606, 0.3122, 0.3061



8.8413, 0.2961, 0.1405



0.4346, 0.3016, 0.1435

Previews

White Background



This preview shows how the Yxy color 53.7122, 0.3132, 0.3682 looks on a white background.

Color Contrast Check

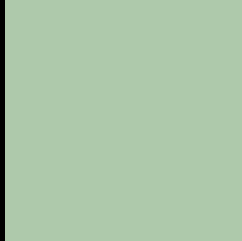
Large Text (above 18pt) WCAG AA × Fail

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 53.7122, 0.3132, 0.3682 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 53.7122, 0.3132, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 53.7122, 0.3132, 0.3682.



This preview shows how white text looks on a background with the Yxy color 53.7122, 0.3132, 0.3682.

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

53.7122, 0.3132, 0.3682

Protanopia

53.6265, 0.3411, 0.3610

Deuteranopia

53.2339, 0.3508, 0.3432



Tritanopia

53.4367, 0.2898, 0.3092

Trichromacy



Original Color

53.7122, 0.3132, 0.3682

Protanomaly

53.5135, 0.3305, 0.3643

Deuteranomaly

52.9752, 0.3368, 0.3512

Tritanomaly

53.3830, 0.2987, 0.3302

Monochromacy



Original Color

53.7122, 0.3132, 0.3682

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1928, 0.3129, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7122, 0.3132, 0.3682 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(174, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 201, 171)  
}
```

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(174, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 201, 171) }
```

Border

The CSS property to change the border of an element to Yxy 53.7122, 0.3132, 0.3682 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(174, 201, 171) }
```

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

```
.border{ border-color:rgb(174, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 201,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7122, 0.3132, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 201, 171) }
```

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

```
.background{ background-color: rgb(174,  
201, 171) }
```

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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