

Converting Colors

$Yxy(53.3578, 0.3165, 0.3728)$

Have a look what the booklet for
Yxy(53.3578, 0.3165, 0.3728)
contains.

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Color

Yxy(53.2125, 0.3169, 0.3722)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | AFC8A7 |
| RGB | 175, 200, 167 |
| RGB Percent | 69%, 78%, 65% |
| CMY | 0.3138, 0.2157, 0.3450 |
| CMYK | 0.13, 0.00, 0.16, 0.22 |
| HSL | 106°, 23%, 72% |
| HSV | 106°, 16%, 78% |
| XYZ | 45.3064, 53.2125, 44.4486 |
| YIQ | 188.7630, -4.3070, -15.5630 |

Conversions

Conversions Part 2

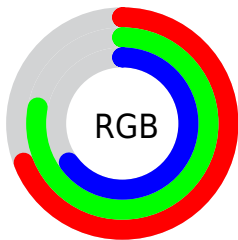
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 167, 200, 192 |
| Decimal | 11520167 |
| CIELab | 78.00, -14.59, 13.71 |
| CIELCh | 78, 20.020, 136.798 |
| Yxy | 53.2125, 0.3169, 0.3722 |
| Android (android.graphics.Color) | 4289710247 (0xFFAFC8A7) |
| YUV | 188.7630, -10.7292, -12.0702 |
| Hunter-Lab | 72.9469, -16.7930, 14.9358 |

Details

The Yxy color **53.2125, 0.3169, 0.3722** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0249, 0.3076, 0.2877**, and the grayscale version is **50.8106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7829, 0.3167, 0.3627**, and **25.9331, 0.3174, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **50.8735, 0.3191, 0.4020**, and if you desaturate by 10%, it is **55.8677, 0.3144, 0.3451**.

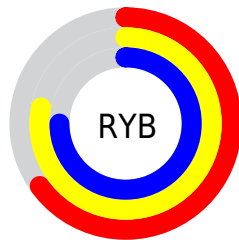
Distribution



Red (69%)

Green (78%)

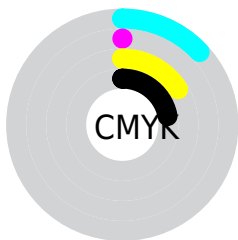
Blue (65%)



Red (65%)

Yellow (78%)

Blue (75%)

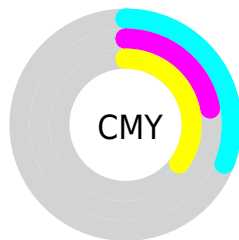


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (31%)


Magenta (22%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2125, 0.3169, 0.3722 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 53.2125, 0.3169, 0.3722 by changing the saturation by 10% instead.


 53.2125, 0.3169,
0.3722


 53.2125, 0.3169,
0.3722

399.0999, 0.3151,
0.3505

 37.9724, 0.3172,
0.3776


 94.9170, 0.3163,
0.3643

 25.9613, 0.3176,
0.3846

 122.1502, 0.3161,
0.3614

 16.7947, 0.3180,
0.3939


154.1499, 0.3159,
0.3589

 10.0882, 0.3184,
0.4068

191.3005, 0.3157,
0.3567

 5.4575, 0.3186,
0.4262

233.9864, 0.3155,
0.3549

 2.5181, 0.3178,
0.4579

282.5920, 0.3154,

 0.8857, 0.3525,

0.3532

0.6430

337.5017, 0.3153,
0.3518

0.0000, 0.0000,
0.0000

53.2125, 0.3169,
0.3722

53.2125, 0.3169,
0.3722

50.8735, 0.3191,
0.4020

55.8677, 0.3144,
0.3451

48.8322, 0.3208,
0.4339

58.8433, 0.3118,
0.3208

47.0782, 0.3218,
0.4670

62.1521, 0.3091,
0.2993

45.5982, 0.3218,
0.4998

65.8043, 0.3065,
0.2804

44.3776, 0.3207,
0.5304

69.0109, 0.3122,
0.2747

■ 43.4005, 0.3183,
0.5565

■ 69.7923, 0.3152,
0.2752

■ 42.6490, 0.3148,
0.5765

■ 42.1014, 0.3106,
0.5892

■ 41.9480, 0.3093,
0.5926

Harmonies

Analogous

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



53.2125, 0.3426, 0.3764



53.2125, 0.3169, 0.3722



53.2125, 0.2908, 0.3547

Triad

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



53.2125, 0.3169, 0.3722



53.2125, 0.2663, 0.2899



53.2125, 0.3559, 0.3259

Complementary

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



53.2125, 0.3169, 0.3722



43.0249, 0.3076, 0.2877

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.



53.2125, 0.3338, 0.3051



53.2125, 0.3169, 0.3722



53.2125, 0.2822, 0.2845

Square

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



53.2125, 0.3169, 0.3722



53.2125, 0.2624, 0.3060



53.2125, 0.3067, 0.2902



53.2125, 0.3659, 0.3484

Rectangle

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



53.2125, 0.3169, 0.3722



53.2125, 0.2766, 0.3385



53.2125, 0.3067, 0.2902



53.2125, 0.3496, 0.3186

Sweetspot

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



53.2148, 0.3169, 0.3722



97.4176, 0.3140, 0.3415



52.6648, 0.3388, 0.3598



20.7762, 0.3142, 0.3433



0.0000, 0.0000, 0.0000



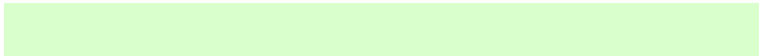
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2148, 0.3169, 0.3722



90.5269, 0.3178, 0.3832



52.6348, 0.3049, 0.3617



12.0095, 0.3152, 0.3526



26.7049, 0.3100, 0.5920



1.2993, 0.3256, 0.5797

Inverse Universe

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



43.0249, 0.3076, 0.2877



69.4041, 0.3061, 0.2778



43.7183, 0.3216, 0.2984



10.6826, 0.3100, 0.3060



6.9207, 0.2610, 0.1211



0.3596, 0.2741, 0.1284

Previews

White Background



This preview shows how the Yxy color 53.2125, 0.3169, 0.3722 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 53.2125, 0.3169, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

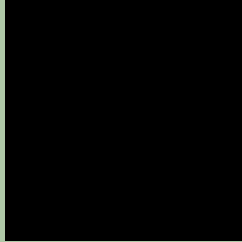
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2125, 0.3169, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 53.2125, 0.3169, 0.3722.



This preview shows how white text looks on a background with the Yxy color 53.2125, 0.3169, 0.3722.

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

53.2125, 0.3169, 0.3722

Protanopia

53.0401, 0.3445, 0.3648

Deuteranopia

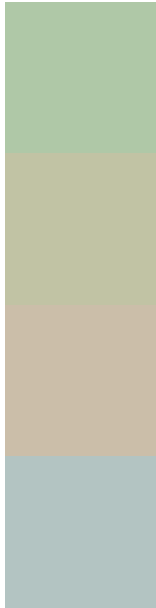
52.6603, 0.3544, 0.3468



Tritanopia

53.1321, 0.2927, 0.3104

Trichromacy



Original Color

53.2125, 0.3169, 0.3722

Protanomaly

53.0480, 0.3346, 0.3682

Deuteranomaly

52.3880, 0.3401, 0.3549

Tritanomaly

52.9586, 0.3009, 0.3315

Monochromacy



Original Color

53.2125, 0.3169, 0.3722

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6665, 0.3144, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2125, 0.3169, 0.3722 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 $rgb(175, 200, 167)$ looks like.

```
.text, #text, p{  
    color:rgb(175, 200, 167)  
}
```

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(175, 200, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 200, 167) }
```

Border

The CSS property to change the border of an element to Yxy 53.2125, 0.3169, 0.3722 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(175, 200, 167) }
```

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

```
.border{ border-color:rgb(175, 200, 167) }
```

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

Here you see how a box with a 4 pixel rgb(175, 200, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 200, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 200, 167);  
box-shadow:4px 4px 4px 4px rgb(175, 200,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2125, 0.3169, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 200, 167) }
```

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

```
.background{ background-color: rgb(175,  
200, 167) }
```

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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