

Converting Colors

$Yxy(54.7300, 0.3261, 0.4070)$

Have a look what the booklet for
Yxy(54.7300, 0.3261, 0.4070)
contains.

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Color

Yxy(54.7952, 0.3263, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	AACE93
RGB	170, 206, 147
RGB Percent	67%, 81%, 58%
CMY	0.3335, 0.1921, 0.4236
CMYK	0.17, 0.00, 0.29, 0.19
HSL	97°, 38%, 69%
HSV	97°, 29%, 81%
XYZ	43.9088, 54.7952, 35.8618
YIQ	188.5100, -2.5170, -25.9810

Conversions

Conversions Part 2

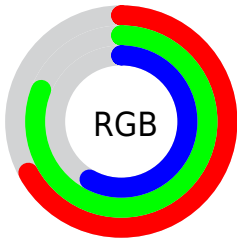
Format	Color
RYB	147, 206, 183
Decimal	11194003
CIELab	78.92, -22.63, 25.54
CIELCh	79, 34.124, 131.540
Yxy	54.7952, 0.3263, 0.4072
Android (android.graphics.Color)	4289384083 (0xFFAAACE93)
YUV	188.5100, -20.4644, -16.2333
Hunter-Lab	74.0238, -23.6604, 23.0928

Details

The Yxy color **54.7952, 0.3263, 0.4072** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.3940, 0.2946, 0.2536**, and the grayscale version is **50.7117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9058, 0.3257, 0.3854**, and **27.0829, 0.3284, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **52.8722, 0.3301, 0.4381**, and if you desaturate by 10%, it is **56.9730, 0.3218, 0.3778**.

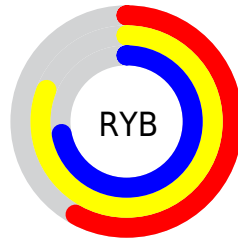
Distribution



Red (67%)

Green (81%)

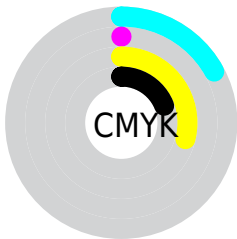
Blue (58%)



Red (58%)

Yellow (81%)

Blue (72%)

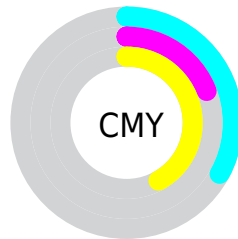


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (19%)



Cyan (33%)


Magenta (19%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7952, 0.3263, 0.4072 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 54.7952, 0.3263, 0.4072 by changing the saturation by 10% instead.


 54.7952, 0.3263,
0.4072


 54.7952, 0.3263,
0.4072


405.1351, 0.3206,
0.3677

 39.2378, 0.3274,
0.4171


 97.2408, 0.3245,
0.3928

 26.9448, 0.3285,
0.4298


 124.8978, 0.3237,
0.3874

 17.5317, 0.3297,
0.4467


157.3568, 0.3231,
0.3829

 10.6143, 0.3305,
0.4701

195.0021, 0.3225,
0.3790

 5.8081, 0.3302,
0.5044

238.2182, 0.3219,
0.3756

 2.7288, 0.3304,
0.5667

287.3895, 0.3214,

 0.9918, 0.2804,

0.3726

0.7196

342.9004, 0.3210,
0.3700

0.0000, 0.0000,
0.0000

54.7952, 0.3263,
0.4072

54.7952, 0.3263,
0.4072

52.8722, 0.3301,
0.4381

56.9730, 0.3218,
0.3778

51.1869, 0.3330,
0.4694

59.4078, 0.3170,
0.3506

49.7310, 0.3344,
0.4999


62.1108, 0.3120,
0.3258


48.4929, 0.3342,
0.5278

65.0904, 0.3072,
0.3035

47.4598, 0.3322,
0.5513


68.3544, 0.3024,
0.2836

 46.6171, 0.3283,
0.5690

 70.8648, 0.3081,
0.2801

 45.9439, 0.3231,
0.5808

 72.6292, 0.3150,
0.2811

 45.8627, 0.3224,
0.5822

Harmonies

Analogous

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



54.7952, 0.3685, 0.4078



54.7952, 0.3263, 0.4072



54.7952, 0.2823, 0.3803

Triad

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



54.7952, 0.3263, 0.4072



54.7952, 0.2340, 0.2668



54.7952, 0.3806, 0.3163

Complementary

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



54.7952, 0.3263, 0.4072



35.3940, 0.2946, 0.2536

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.



54.7952, 0.3399, 0.2846



54.7952, 0.3263, 0.4072



54.7952, 0.2561, 0.2564

Square

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



54.7952, 0.3263, 0.4072



54.7952, 0.2311, 0.2951



54.7952, 0.2940, 0.2632



54.7952, 0.4018, 0.3525

Rectangle

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



54.7952, 0.3263, 0.4072



54.7952, 0.2578, 0.3522



54.7952, 0.2940, 0.2632



54.7952, 0.3686, 0.3050

Sweetspot

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



54.7976, 0.3263, 0.4072



96.0468, 0.3172, 0.3518



48.8520, 0.3631, 0.3732



20.4285, 0.3179, 0.3557



0.0000, 0.0000, 0.0000



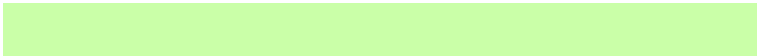
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7976, 0.3263, 0.4072



86.9213, 0.3286, 0.4249



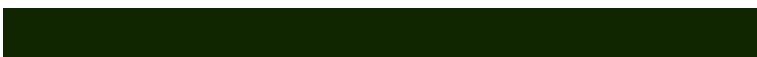
52.6478, 0.3050, 0.4030



12.7463, 0.3174, 0.3525



28.2889, 0.3235, 0.5814



1.5029, 0.3392, 0.5688

Inverse Universe

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



35.3940, 0.2946, 0.2536



50.7483, 0.2899, 0.2373



38.1639, 0.3214, 0.2648



11.1773, 0.3077, 0.3057



5.5244, 0.2263, 0.1020



0.3280, 0.2447, 0.1122

Previews

White Background



This preview shows how the Yxy color 54.7952, 0.3263, 0.4072 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 54.7952, 0.3263, 0.4072 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 54.7952, 0.3263, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 54.7952, 0.3263, 0.4072.



This preview shows how white text looks on a background with the Yxy color 54.7952, 0.3263, 0.4072.

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

54.7952, 0.3263, 0.4072

Protanopia

54.5385, 0.3655, 0.3933

Deuteranopia

54.2690, 0.3779, 0.3705



Tritanopia

54.4399, 0.2886, 0.3093

Trichromacy



Original Color

54.7952, 0.3263, 0.4072

Protanomaly

54.4626, 0.3506, 0.3981

Deuteranomaly

54.0510, 0.3578, 0.3828

Tritanomaly

54.2128, 0.3021, 0.3430

Monochromacy



Original Color

54.7952, 0.3263, 0.4072

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.0313, 0.3179, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7952, 0.3263, 0.4072 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(170, 206, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 206, 147)  
}
```

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(170, 206, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 206, 147) }
```

Border

The CSS property to change the border of an element to Yxy 54.7952, 0.3263, 0.4072 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(170, 206, 147) }
```

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

```
.border{ border-color:rgb(170, 206, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 206, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 206, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 206, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 206,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7952, 0.3263, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 206, 147) }
```

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

```
.background{ background-color: rgb(170,  
206, 147) }
```

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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