

Converting Colors

Yxy(53.9795, 0.3198, 0.4221)

Have a look what the booklet for
Yxy(53.9795, 0.3198, 0.4221)
contains.

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Color

Yxy(54.0731, 0.3199, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	9CD08C
RGB	156, 208, 140
RGB Percent	61%, 82%, 55%
CMY	0.3882, 0.1843, 0.4509
CMYK	0.25, 0.00, 0.33, 0.18
HSL	106°, 42%, 68%
HSV	106°, 33%, 82%
XYZ	41.0002, 54.0731, 33.0924
YIQ	184.7000, -9.1640, -32.1720

Conversions

Conversions Part 2

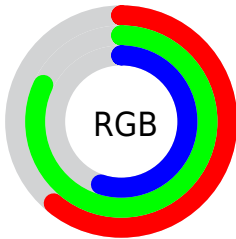
Format	Color
RYB	140, 208, 192
Decimal	10277004
CIELab	78.50, -29.55, 28.47
CIELCh	79, 41.037, 136.070
Yxy	54.0731, 0.3199, 0.4219
Android (android.graphics.Color)	4288467084 (0xFF9CD08C)
YUV	184.7000, -22.0371, -25.1699
Hunter-Lab	73.5344, -29.1599, 24.7921

Details

The Yxy color **54.0731, 0.3199, 0.4219** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5243, 0.3012, 0.2446**, and the grayscale version is **48.4703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4121, 0.3207, 0.3947**, and **26.3873, 0.3199, 0.4493** is the 20% darker color. If you saturate the color by 10%, you get **52.0339, 0.3211, 0.4549**, and if you desaturate by 10%, it is **56.4408, 0.3181, 0.3906**.

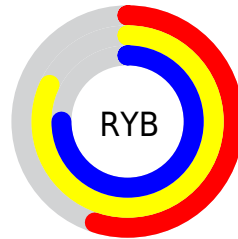
Distribution



Red (61%)

Green (82%)

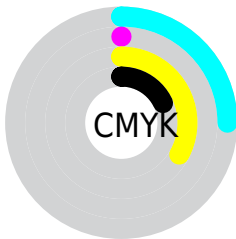
Blue (55%)



Red (55%)

Yellow (82%)

Blue (75%)

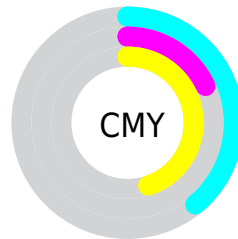


Cyan (25%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (39%)


Magenta (18%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0731, 0.3199, 0.4219 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 54.0731, 0.3199, 0.4219 by changing the saturation by 10% instead.

 54.0731, 0.3199,
0.4219

 54.0731, 0.3199,
0.4219


402.3887, 0.3177,
0.3745


 38.6601, 0.3200,
0.4339


 96.1816, 0.3195,
0.4045

 26.4954, 0.3198,
0.4495


 123.6458, 0.3192,
0.3980

 17.1946, 0.3190,
0.4702


 155.8960, 0.3189,
0.3926

 10.3734, 0.3169,
0.4991

193.3164, 0.3186,
0.3879

 5.6472, 0.3116,
0.5416

236.2915, 0.3184,
0.3839

 2.6318, 0.3094,
0.6328

285.2056, 0.3182,

 0.9427, 0.1553,

0.3803

0.8447

340.4432, 0.3179,
0.3772

0.0000, 0.0000,
0.0000

54.0731, 0.3199,
0.4219

54.0731, 0.3199,
0.4219

52.0339, 0.3211,
0.4549

56.4408, 0.3181,
0.3906

50.3017, 0.3214,
0.4882

59.1438, 0.3159,
0.3616

48.8632, 0.3207,
0.5199

62.1971, 0.3134,
0.3355


47.7010, 0.3187,
0.5481

65.6129, 0.3108,
0.3123


46.7960, 0.3157,
0.5705

69.4028, 0.3083,
0.2918

 46.1262, 0.3117,
0.5858

 72.9290, 0.3123,
0.2828

 45.7642, 0.3087,
0.5931

 73.5938, 0.3149,
0.2831

Harmonies

Analogous

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



54.0731, 0.3720, 0.4260



54.0731, 0.3199, 0.4219



54.0731, 0.2684, 0.3845

Triad

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



54.0731, 0.3199, 0.4219



54.0731, 0.2218, 0.2512



54.0731, 0.4006, 0.3194

Complementary

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



54.0731, 0.3199, 0.4219



34.5243, 0.3012, 0.2446

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.



54.0731, 0.3536, 0.2812



54.0731, 0.3199, 0.4219



54.0731, 0.2506, 0.2428

Square

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



54.0731, 0.3199, 0.4219



54.0731, 0.2148, 0.2809



54.0731, 0.2978, 0.2539



54.0731, 0.4215, 0.3621

Rectangle

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



54.0731, 0.3199, 0.4219



54.0731, 0.2412, 0.3484



54.0731, 0.2978, 0.2539



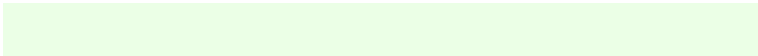
54.0731, 0.3871, 0.3058

Sweetspot

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



54.0754, 0.3199, 0.4219



94.9516, 0.3152, 0.3547



52.5691, 0.3677, 0.3914



20.1816, 0.3156, 0.3585



0.0000, 0.0000, 0.0000



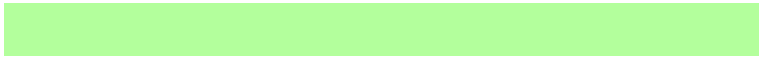
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0754, 0.3199, 0.4219



83.4802, 0.3208, 0.4441



53.1253, 0.2975, 0.4004



13.3385, 0.3151, 0.3528



28.5586, 0.3095, 0.5925



1.6340, 0.3227, 0.5820

Inverse Universe

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



34.5243, 0.3012, 0.2446



47.9388, 0.2980, 0.2267



35.9331, 0.3328, 0.2670



11.8632, 0.3101, 0.3058



7.4849, 0.2624, 0.1219



0.4533, 0.2737, 0.1281

Previews

White Background



This preview shows how the Yxy color 54.0731, 0.3199, 0.4219 looks on a white background.

Color Contrast Check

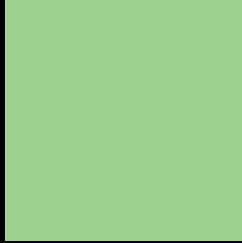
Large Text (above 18pt) WCAG AA × Fail

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 54.0731, 0.3199, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

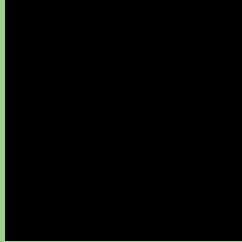
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0731, 0.3199, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 54.0731, 0.3199, 0.4219.



This preview shows how white text looks on a background with the Yxy color 54.0731, 0.3199, 0.4219.

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

54.0731, 0.3199, 0.4219

Protanopia

53.4165, 0.3725, 0.4006

Deuteranopia

53.6561, 0.3834, 0.3763



Tritanopia

54.0780, 0.2790, 0.3089

Trichromacy



Original Color

54.0731, 0.3199, 0.4219



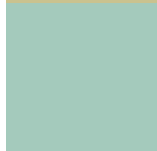
Protanomaly

53.1129, 0.3526, 0.4082



Deuteranomaly

53.1233, 0.3590, 0.3923



Tritanomaly

53.7644, 0.2939, 0.3473

Monochromacy



Original Color

54.0731, 0.3199, 0.4219



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.0032, 0.3153, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0731, 0.3199, 0.4219 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(156, 208, 140)` looks like.

```
.text, #text, p{  
    color:rgb(156, 208, 140)  
}
```

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(156, 208, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 208, 140) }
```

Border

The CSS property to change the border of an element to Yxy 54.0731, 0.3199, 0.4219 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(156, 208, 140) }
```

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

```
.border{ border-color:rgb(156, 208, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 208, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 208, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 208, 140);  
box-shadow:4px 4px 4px 4px rgb(156, 208,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0731, 0.3199, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 208, 140) }
```

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

```
.background{ background-color: rgb(156,  
208, 140) }
```

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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