

Converting Colors

$Yxy(49.3317, 0.3061, 0.3456)$

Have a look what the booklet for
Yxy(49.3317, 0.3061, 0.3456)
contains.

Yxy(49.1742, 0.3055, 0.3449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.1742, 0.3055, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	ABBFB3
RGB	171, 191, 179
RGB Percent	67%, 75%, 70%
CMY	0.3295, 0.2509, 0.2980
CMYK	0.10, 0.00, 0.06, 0.25
HSL	144°, 14%, 71%
HSV	144°, 10%, 75%
XYZ	43.5567, 49.1742, 49.8443
YIQ	183.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

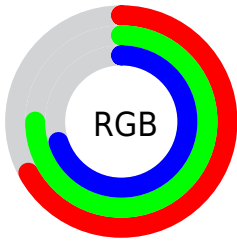
Format	Color
RYB	171, 185, 191
Decimal	11255731
CIELab	75.56, -9.17, 3.72
CIELCh	76, 9.894, 157.905
Yxy	49.1742, 0.3055, 0.3449
Android (android.graphics.Color)	4289445811 (0xFFABBFB3)
YUV	183.6520, -2.2934, -11.0958
Hunter-Lab	70.1243, -11.8448, 6.9437

Details

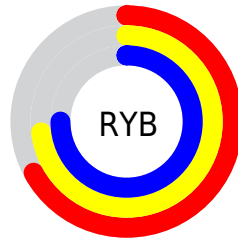
The Yxy color **49.1742, 0.3055, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6097, 0.3207, 0.3136**, and the grayscale version is **47.7453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6884, 0.3064, 0.3413**, and **23.6053, 0.3041, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **46.7404, 0.2988, 0.3619**, and if you desaturate by 10%, it is **51.9605, 0.3124, 0.3297**.

Distribution



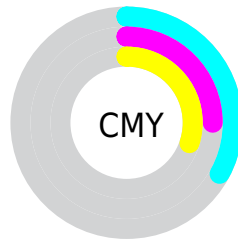
- Red (67%)
- Green (75%)
- Blue (70%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (33%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1742, 0.3055, 0.3449 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 49.1742, 0.3055, 0.3449 by changing the saturation by 10% instead.

 49.1742, 0.3055,
0.3449

 49.1742, 0.3055,
0.3449

383.4277, 0.3091,
0.3369

 34.7577, 0.3046,
0.3469

 88.9501, 0.3068,
0.3420

 23.4763, 0.3034,
0.3495

115.0783, 0.3073,
0.3409

 14.9456, 0.3019,
0.3529


145.8792, 0.3077,
0.3400

 8.7812, 0.2997,
0.3577

181.7372, 0.3081,
0.3392

 4.5987, 0.2963,
0.3650

223.0366, 0.3084,
0.3385

 2.0138, 0.2908,
0.3772

270.1619, 0.3087,

 0.6155, 0.2605,

0.3379

0.4439

323.4975, 0.3089,
0.3374

0.0000, 0.0000,
0.0000

49.1742, 0.3055,
0.3449

49.1742, 0.3055,
0.3449

46.7404, 0.2988,
0.3619

51.9605, 0.3124,
0.3297

44.6388, 0.2924,
0.3808

55.1065, 0.3192,
0.3163

42.8562, 0.2867,
0.4013


58.6269, 0.3259,
0.3044

41.3764, 0.2819,
0.4233

62.5336, 0.3324,
0.2941

40.1814, 0.2785,
0.4463

64.5965, 0.3296,
0.2837


 39.2514, 0.2766,
0.4697

 65.2841, 0.3210,
0.2730

 38.5640, 0.2766,
0.4925

 65.7472, 0.3157,
0.2663

 38.0927, 0.2784,
0.5141

 37.7969, 0.2813,
0.5328

Harmonies

Analogous

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



49.1742, 0.3192, 0.3518



49.1742, 0.3055, 0.3449



49.1742, 0.2939, 0.3335

Triad

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



49.1742, 0.3055, 0.3449



49.1742, 0.2941, 0.3063



49.1742, 0.3387, 0.3360

Complementary

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



49.1742, 0.3055, 0.3449



43.6097, 0.3207, 0.3136

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.



49.1742, 0.3317, 0.3243



49.1742, 0.3055, 0.3449



49.1742, 0.3058, 0.3074

Square

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



49.1742, 0.3055, 0.3449



49.1742, 0.2875, 0.3112



49.1742, 0.3196, 0.3139



49.1742, 0.3386, 0.3463

Rectangle

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



49.1742, 0.3055, 0.3449



49.1742, 0.2889, 0.3251



49.1742, 0.3196, 0.3139



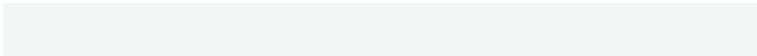
49.1742, 0.3371, 0.3321

Sweetspot

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



49.1763, 0.3055, 0.3449



91.7140, 0.3106, 0.3334



50.2729, 0.3214, 0.3550



20.0482, 0.3101, 0.3346



97.7402, 0.3127, 0.3290



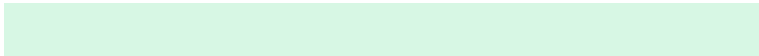
20.4902, 0.3127, 0.3290

Same Dimension

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



49.1763, 0.3055, 0.3449



86.8184, 0.3037, 0.3493



49.5960, 0.2982, 0.3316



10.7113, 0.3063, 0.3431



24.8509, 0.2806, 0.5303



0.9864, 0.2669, 0.4807

Inverse Universe

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



43.6097, 0.3207, 0.3136



74.5049, 0.3230, 0.3095



43.2077, 0.3293, 0.3264



9.6298, 0.3197, 0.3153



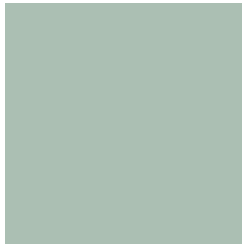
8.1005, 0.4524, 0.2266



0.3299, 0.4130, 0.2049

Previews

White Background



This preview shows how the Yxy color 49.1742, 0.3055, 0.3449 looks on a white background.

Color Contrast Check

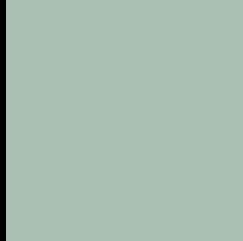
Large Text (above 18pt) WCAG AA × Fail

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 49.1742, 0.3055, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

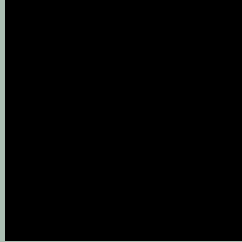
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

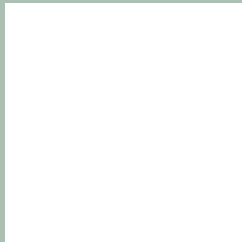
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1742, 0.3055, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 49.1742, 0.3055, 0.3449.



This preview shows how white text looks on a background with the Yxy color 49.1742, 0.3055, 0.3449.

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

49.1742, 0.3055, 0.3449

Protanopia

49.0390, 0.3258, 0.3405

Deuteranopia

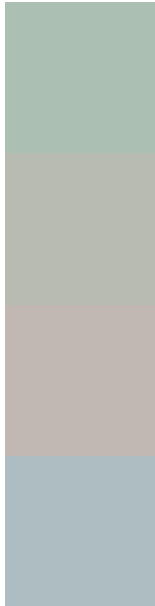
48.9578, 0.3337, 0.3278



Tritanopia

49.3447, 0.2920, 0.3111

Trichromacy



Original Color

49.1742, 0.3055, 0.3449

Protanomaly

48.9053, 0.3180, 0.3420

Deuteranomaly

48.9137, 0.3236, 0.3341

Tritanomaly

49.2889, 0.2970, 0.3225

Monochromacy



Original Color

49.1742, 0.3055, 0.3449

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5018, 0.3099, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1742, 0.3055, 0.3449 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(171, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 191, 179)  
}
```

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(171, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 49.1742, 0.3055, 0.3449 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(171, 191, 179) }
```

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

```
.border{ border-color:rgb(171, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(171, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1742, 0.3055, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 191, 179) }
```

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

```
.background{ background-color: rgb(171,  
191, 179) }
```

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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