

Converting Colors

$Yxy(49.5577, 0.3072, 0.3434)$

Have a look what the booklet for
Yxy(49.5577, 0.3072, 0.3434)
contains.

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Color

Yxy(49.5556, 0.3072, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	AEBFB4
RGB	174, 191, 180
RGB Percent	68%, 75%, 71%
CMY	0.3175, 0.2510, 0.2940
CMYK	0.09, 0.00, 0.06, 0.25
HSL	141°, 12%, 72%
HSV	141°, 9%, 75%
XYZ	44.3316, 49.5556, 50.4215
YIQ	184.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

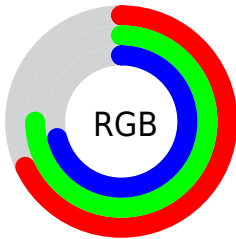
Format	Color
RYB	174, 187, 191
Decimal	11452340
CIELab	75.80, -7.91, 3.54
CIELCh	76, 8.666, 155.921
Yxy	49.5556, 0.3072, 0.3434
Android (android.graphics.Color)	4289642420 (0xFFAEBFB4)
YUV	184.6630, -2.2989, -9.3515
Hunter-Lab	70.3957, -10.7824, 6.8101

Details

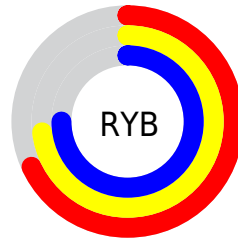
The Yxy color **49.5556, 0.3072, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8629, 0.3187, 0.3150**, and the grayscale version is **48.3390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4007, 0.3084, 0.3402**, and **23.8468, 0.3064, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **47.0360, 0.3011, 0.3615**, and if you desaturate by 10%, it is **52.4362, 0.3134, 0.3273**.

Distribution



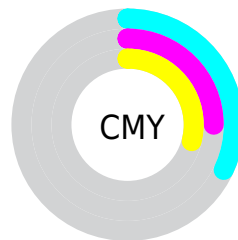
- Red (68%)
- Green (75%)
- Blue (71%)



- Red (68%)
- Yellow (73%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (32%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5556, 0.3072, 0.3434 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 49.5556, 0.3072, 0.3434 by changing the saturation by 10% instead.


 49.5556, 0.3072,
0.3434

 49.5556, 0.3072,
0.3434


384.9255, 0.3100,
0.3362

 35.0604, 0.3065,
0.3452


 89.5161, 0.3082,
0.3408

 23.7094, 0.3056,
0.3475


115.7502, 0.3086,
0.3398

 15.1182, 0.3044,
0.3506


146.6660, 0.3089,
0.3390

 8.9024, 0.3027,
0.3549

182.6480, 0.3092,
0.3383

 4.6776, 0.3002,
0.3614

224.0806, 0.3094,
0.3376

 2.0594, 0.2960,
0.3722

271.3481, 0.3096,

 0.6416, 0.2760,

0.3371

0.4250

324.8349, 0.3098,
0.3366

0.0000, 0.0000,
0.0000

49.5556, 0.3072,
0.3434

49.5556, 0.3072,
0.3434

47.0360, 0.3011,
0.3615

52.4362, 0.3134,
0.3273

44.8568, 0.2952,
0.3816

55.6850, 0.3195,
0.3131

43.0049, 0.2899,
0.4037

59.3168, 0.3255,
0.3006

41.4639, 0.2854,
0.4273

63.3436, 0.3312,
0.2898

40.2159, 0.2821,
0.4520

64.9166, 0.3254,
0.2784

■ 39.2412, 0.2803,
0.4770

■ 65.6832, 0.3163,
0.2671

■ 38.5174, 0.2801,
0.5014

■ 65.7390, 0.3157,
0.2663

■ 38.0184, 0.2817,
0.5241

■ 37.7009, 0.2848,
0.5442

Harmonies

Analogous

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



49.5556, 0.3192, 0.3491



49.5556, 0.3072, 0.3434



49.5556, 0.2969, 0.3337

Triad

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



49.5556, 0.3072, 0.3434



49.5556, 0.2959, 0.3093



49.5556, 0.3352, 0.3345

Complementary

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



49.5556, 0.3072, 0.3434



44.8629, 0.3187, 0.3150

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.



49.5556, 0.3287, 0.3242



49.5556, 0.3072, 0.3434



49.5556, 0.3060, 0.3098

Square

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



49.5556, 0.3072, 0.3434



49.5556, 0.2904, 0.3139



49.5556, 0.3180, 0.3153



49.5556, 0.3355, 0.3437

Rectangle

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



49.5556, 0.3072, 0.3434



49.5556, 0.2922, 0.3263



49.5556, 0.3180, 0.3153



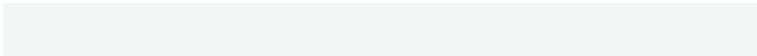
49.5556, 0.3337, 0.3311

Sweetspot

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



49.5577, 0.3072, 0.3434



91.6927, 0.3108, 0.3338



50.6377, 0.3208, 0.3509



20.0424, 0.3103, 0.3351



97.7402, 0.3127, 0.3290



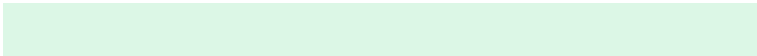
20.4902, 0.3127, 0.3290

Same Dimension

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



49.5577, 0.3072, 0.3434



87.6730, 0.3058, 0.3474



49.9117, 0.3010, 0.3323



10.7038, 0.3069, 0.3442



24.7720, 0.2844, 0.5439



0.9829, 0.2703, 0.4929

Inverse Universe

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



44.8629, 0.3187, 0.3150



77.2561, 0.3204, 0.3113



44.5175, 0.3258, 0.3258



9.6375, 0.3190, 0.3143



8.2433, 0.4336, 0.2162



0.3349, 0.4001, 0.1978

Previews

White Background



This preview shows how the Yxy color 49.5556, 0.3072, 0.3434 looks on a white background.

Color Contrast Check

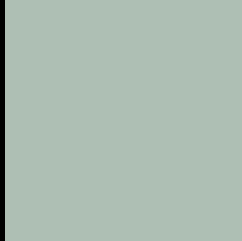
Large Text (above 18pt) WCAG AA × Fail

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 49.5556, 0.3072, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

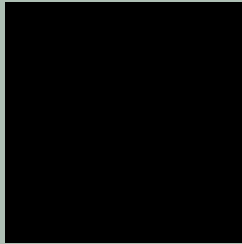
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

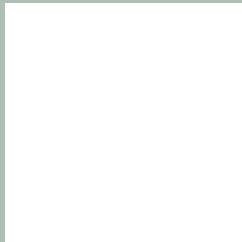
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5556, 0.3072, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 49.5556, 0.3072, 0.3434.



This preview shows how white text looks on a background with the Yxy color 49.5556, 0.3072, 0.3434.

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

49.5556, 0.3072, 0.3434

Protanopia

49.4986, 0.3249, 0.3405

Deuteranopia

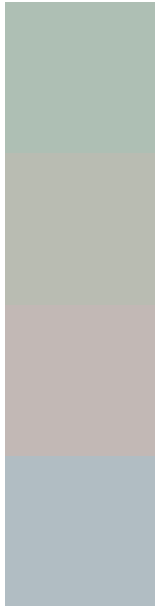
49.1417, 0.3338, 0.3266



Tritanopia

49.7432, 0.2936, 0.3100

Trichromacy



Original Color

49.5556, 0.3072, 0.3434

Protanomaly

49.4951, 0.3179, 0.3419

Deuteranomaly

49.0865, 0.3236, 0.3328

Tritanomaly

49.6824, 0.2986, 0.3213

Monochromacy



Original Color

49.5556, 0.3072, 0.3434

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7833, 0.3108, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5556, 0.3072, 0.3434 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, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(174, 191, 180)  
}
```

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, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 191, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.5556, 0.3072, 0.3434 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, 191, 180) }
```

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

```
.border{ border-color:rgb(174, 191, 180) }
```

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

Here you see how a box with a 4 pixel rgb(174, 191, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(174, 191,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5556, 0.3072, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 191, 180) }
```

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

```
.background{ background-color: rgb(174,  
191, 180) }
```

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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