

Converting Colors

$Yxy(45.1930, 0.3182, 0.3526)$

Have a look what the booklet for
Yxy(45.1930, 0.3182, 0.3526)
contains.

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Color

Yxy(45.0567, 0.3185, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	ADB6A5
RGB	173, 182, 165
RGB Percent	68%, 71%, 65%
CMY	0.3215, 0.2863, 0.3529
CMYK	0.05, 0.00, 0.09, 0.29
HSL	92°, 10%, 68%
HSV	92°, 9%, 71%
XYZ	40.7571, 45.0567, 42.1519
YIQ	177.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

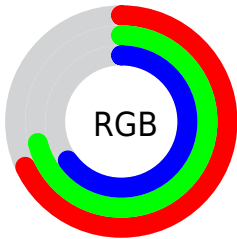
Format	Color
RYB	165, 182, 174
Decimal	11384485
CIELab	72.93, -6.27, 7.56
CIELCh	73, 9.825, 129.670
Yxy	45.0567, 0.3185, 0.3521
Android (android.graphics.Color)	4289574565 (0xFFADB6A5)
YUV	177.3710, -6.0989, -3.8334
Hunter-Lab	67.1243, -9.0845, 9.7548

Details

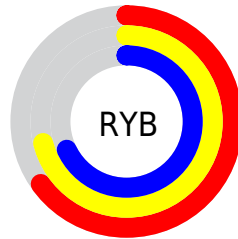
The Yxy color $45.0567, 0.3185, 0.3521$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.2902, 0.3065, 0.3060$, and the grayscale version is $44.2071, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8104, 0.3172, 0.3479$, and $20.9577, 0.3207, 0.3591$ is the 20% darker color. If you saturate the color by 10%, you get $43.3845, 0.3246, 0.3789$, and if you desaturate by 10%, it is $46.9061, 0.3123, 0.3274$.

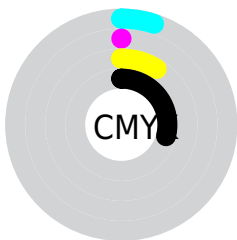
Distribution



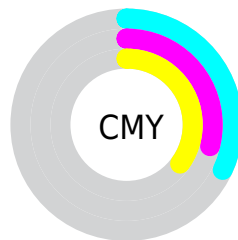
- Red (68%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)




- Cyan (32%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0567, 0.3185, 0.3521 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 45.0567, 0.3185, 0.3521 by changing the saturation by 10% instead.


 45.0567, 0.3185,
0.3521

 45.0567, 0.3185,
0.3521


367.0031, 0.3157,
0.3403

 31.5021, 0.3192,
0.3551


 82.8055, 0.3175,
0.3478

 20.9815, 0.3201,
0.3590


 107.7685, 0.3171,
0.3462

 13.1105, 0.3212,
0.3643


137.3030, 0.3168,
0.3448

 7.5047, 0.3228,
0.3718

171.7935, 0.3165,
0.3437

 3.7797, 0.3250,
0.3834

211.6244, 0.3162,
0.3427

 1.5511, 0.3284,
0.4034

257.1800, 0.3160,

 0.3243, 0.3236,

0.3418

0.6764

308.8448, 0.3158,
0.3410

0.0000, 0.0000,
0.0000

45.0567, 0.3185,
0.3521

45.0567, 0.3185,
0.3521

43.3845, 0.3246,
0.3789

46.9061, 0.3123,
0.3274

41.8781, 0.3304,
0.4076

48.9321, 0.3062,
0.3050

40.5334, 0.3355,
0.4373

51.1419, 0.3003,
0.2849

39.3441, 0.3395,
0.4673

53.5402, 0.2948,
0.2668

38.3034, 0.3421,
0.4962

56.0664, 0.2902,
0.2517

■ 37.4038, 0.3429,
0.5224

■ 57.6212, 0.2974,
0.2534

■ 36.6369, 0.3415,
0.5446

■ 59.2639, 0.3048,
0.2550

■ 35.9933, 0.3381,
0.5614

■ 60.9960, 0.3122,
0.2566

■ 35.4569, 0.3332,
0.5732

■ 61.9350, 0.3161,
0.2575

Harmonies

Analogous

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



45.0567, 0.3311, 0.3529



45.0567, 0.3185, 0.3521



45.0567, 0.3045, 0.3447

Triad

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



45.0567, 0.3185, 0.3521



45.0567, 0.2871, 0.3103



45.0567, 0.3328, 0.3248

Complementary

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



45.0567, 0.3185, 0.3521



39.2902, 0.3065, 0.3060

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.



45.0567, 0.3206, 0.3141



45.0567, 0.3185, 0.3521



45.0567, 0.2943, 0.3057

Square

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



45.0567, 0.3185, 0.3521



45.0567, 0.2867, 0.3202



45.0567, 0.3065, 0.3071



45.0567, 0.3395, 0.3369

Rectangle

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



45.0567, 0.3185, 0.3521



45.0567, 0.2964, 0.3371



45.0567, 0.3065, 0.3071



45.0567, 0.3291, 0.3210

Sweetspot

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



45.0586, 0.3185, 0.3521



83.7597, 0.3146, 0.3363



42.8525, 0.3275, 0.3408



18.4398, 0.3151, 0.3383



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.0586, 0.3185, 0.3521



81.1069, 0.3196, 0.3569



44.1833, 0.3114, 0.3522



10.2621, 0.3185, 0.3521



25.0554, 0.3337, 0.5732



0.9201, 0.3544, 0.5568

Inverse Universe

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



39.2902, 0.3065, 0.3060



68.7272, 0.3051, 0.3012



40.2257, 0.3140, 0.3069



8.9468, 0.3065, 0.3059



4.1890, 0.2093, 0.0926



0.1842, 0.2372, 0.1081

Previews

White Background



This preview shows how the Yxy color 45.0567, 0.3185, 0.3521 looks on a white background.

Color Contrast Check

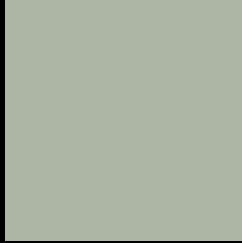
Large Text (above 18pt) WCAG AA × Fail

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 45.0567, 0.3185, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

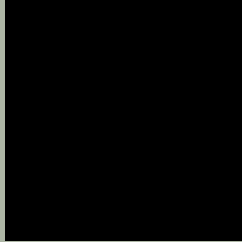
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

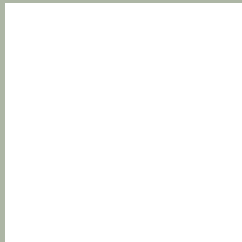
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0567, 0.3185, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 45.0567, 0.3185, 0.3521.



This preview shows how white text looks on a background with the Yxy color 45.0567, 0.3185, 0.3521.

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

45.0567, 0.3185, 0.3521

Protanopia

44.9242, 0.3322, 0.3489

Deuteranopia

45.0947, 0.3435, 0.3367



Tritanopia

44.9937, 0.3008, 0.3107

Trichromacy



Original Color

45.0567, 0.3185, 0.3521

Protanomaly

44.7443, 0.3267, 0.3491

Deuteranomaly

44.8802, 0.3346, 0.3421

Tritanomaly

44.8477, 0.3078, 0.3250

Monochromacy



Original Color

45.0567, 0.3185, 0.3521

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4874, 0.3149, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0567, 0.3185, 0.3521 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(173, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 165)  
}
```

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(173, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.0567, 0.3185, 0.3521 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(173, 182, 165) }
```

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

```
.border{ border-color:rgb(173, 182, 165) }
```

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

Here you see how a box with a 4 pixel rgb(173, 182, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 182,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0567, 0.3185, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 165) }
```

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

```
.background{ background-color: rgb(173,  
182, 165) }
```

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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