

Converting Colors

$Yxy(44.4127, 0.3259, 0.3513)$

Have a look what the booklet for
Yxy(44.4127, 0.3259, 0.3513)
contains.

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Color

Yxy(44.4325, 0.3266, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	B3B3A2
RGB	179, 179, 162
RGB Percent	70%, 70%, 64%
CMY	0.2979, 0.2981, 0.3646
CMYK	0.00, 0.00, 0.09, 0.30
HSL	60°, 10%, 67%
HSV	60°, 9%, 70%
XYZ	41.2380, 44.4325, 40.5941
YIQ	177.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

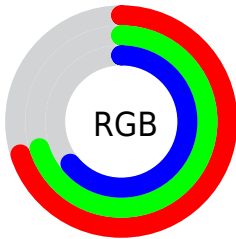
Format	Color
RYB	162, 179, 162
Decimal	11776930
CIELab	72.52, -3.02, 8.67
CIELCh	73, 9.179, 109.184
Yxy	44.4325, 0.3266, 0.3519
Android (android.graphics.Color)	4289967010 (0xFFB3B3A2)
YUV	177.0620, -7.4256, 1.6996
Hunter-Lab	66.6577, -6.2214, 10.5532

Details

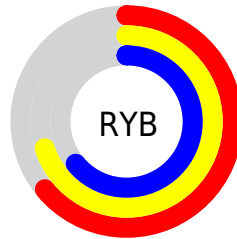
The Yxy color $44.4325, 0.3266, 0.3519$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.7987, 0.2982, 0.3050$, and the grayscale version is $44.0417, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0886, 0.3241, 0.3478$, and $20.4831, 0.3308, 0.3589$ is the 20% darker color. If you saturate the color by 10%, you get $43.8284, 0.3416, 0.3766$, and if you desaturate by 10%, it is $45.1311, 0.3120, 0.3278$.

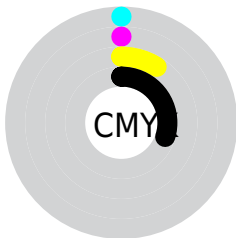
Distribution



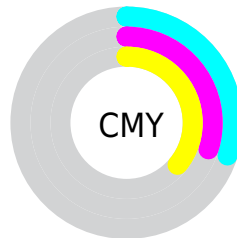
- Red (70%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (70%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)




- Cyan (30%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4325, 0.3266, 0.3519 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 44.4325, 0.3266, 0.3519 by changing the saturation by 10% instead.


 44.4325, 0.3266,
0.3519


 44.4325, 0.3266,
0.3519

364.4703, 0.3196,
0.3403

 31.0107, 0.3283,
0.3549


 81.8682, 0.3241,
0.3476

 20.6070, 0.3306,
0.3587


 106.6508, 0.3231,
0.3460

 12.8370, 0.3336,
0.3639


135.9891, 0.3223,
0.3447

 7.3164, 0.3378,
0.3712

170.2675, 0.3216,
0.3436

 3.6608, 0.3440,
0.3824

209.8705, 0.3210,
0.3426

 1.4857, 0.3543,
0.4016

255.1823, 0.3205,

 0.2786, 0.4069,

0.3417

0.5931

306.5875, 0.3200,
0.3410

0.0000, 0.0000,
0.0000

44.4325, 0.3266,
0.3519

44.4325, 0.3266,
0.3519

43.8284, 0.3416,
0.3766

45.1311, 0.3120,
0.3278

43.3093, 0.3565,
0.4013

45.9220, 0.2981,
0.3048

42.8729, 0.3710,
0.4250

46.8105, 0.2850,
0.2833

42.5148, 0.3843,
0.4470

47.7999, 0.2729,
0.2633

42.2303, 0.3960,
0.4662

48.8932, 0.2618,
0.2450

■ 42.0140, 0.4055,
0.4819

■ 49.1283, 0.2598,
0.2417

■ 41.8598, 0.4126,
0.4935

■ 49.1422, 0.2598,
0.2418

■ 41.7606, 0.4171,
0.5009

■ 49.1561, 0.2598,
0.2418

■ 41.7024, 0.4195,
0.5048

■ 49.1700, 0.2598,
0.2418

Harmonies

Analogous

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



44.4325, 0.3356, 0.3484



44.4325, 0.3266, 0.3519



44.4325, 0.3140, 0.3491

Triad

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



44.4325, 0.3266, 0.3519



44.4325, 0.2877, 0.3174



44.4325, 0.3241, 0.3179

Complementary

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



44.4325, 0.3266, 0.3519



36.7987, 0.2982, 0.3050

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.



44.4325, 0.3110, 0.3100



44.4325, 0.3266, 0.3519



44.4325, 0.2902, 0.3095

Square

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



44.4325, 0.3266, 0.3519



44.4325, 0.2916, 0.3288



44.4325, 0.2987, 0.3069



44.4325, 0.3342, 0.3287

Rectangle

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



44.4325, 0.3266, 0.3519



44.4325, 0.3053, 0.3438



44.4325, 0.2987, 0.3069



44.4325, 0.3199, 0.3148

Sweetspot

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



44.4344, 0.3266, 0.3519



80.3391, 0.3171, 0.3363



38.0542, 0.3288, 0.3287



17.7767, 0.3183, 0.3382



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.4344, 0.3266, 0.3519



79.3596, 0.3291, 0.3560



43.4969, 0.3193, 0.3525



9.9038, 0.3263, 0.3515



29.4581, 0.4197, 0.5050



0.9278, 0.4196, 0.5051

Inverse Universe

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



36.7987, 0.2982, 0.3050



63.4455, 0.2954, 0.3005



37.6765, 0.3057, 0.3055



8.2327, 0.2985, 0.3055



2.3063, 0.1501, 0.0602



0.0734, 0.1502, 0.0608

Previews

White Background



This preview shows how the Yxy color 44.4325, 0.3266, 0.3519 looks on a white background.

Color Contrast Check

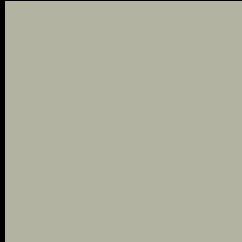
Large Text (above 18pt) WCAG AA × Fail

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 44.4325, 0.3266, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

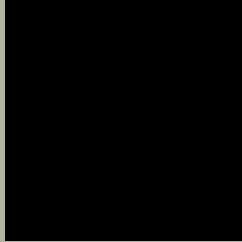
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

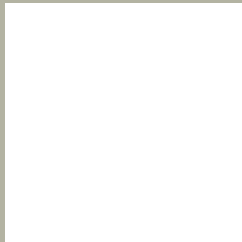
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4325, 0.3266, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 44.4325, 0.3266, 0.3519.



This preview shows how white text looks on a background with the Yxy color 44.4325, 0.3266, 0.3519.

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

44.4325, 0.3266, 0.3519

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.4647, 0.3454, 0.3393



Tritanopia

44.4013, 0.3083, 0.3109

Trichromacy



Original Color

44.4325, 0.3266, 0.3519

Protanomaly

44.4813, 0.3312, 0.3517

Deuteranomaly

44.5108, 0.3383, 0.3447

Tritanomaly

44.2504, 0.3155, 0.3251

Monochromacy



Original Color

44.4325, 0.3266, 0.3519

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2843, 0.3176, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4325, 0.3266, 0.3519 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(179, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 162)  
}
```

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(179, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.4325, 0.3266, 0.3519 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(179, 179, 162) }
```

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

```
.border{ border-color:rgb(179, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4325, 0.3266, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 162) }
```

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

```
.background{ background-color: rgb(179,  
179, 162) }
```

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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