

Converting Colors

$Y_{xy}(42.0571, 0.3308, 0.3540)$

Have a look what the booklet for
Yxy(42.0571, 0.3308, 0.3540)
contains.

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Color

Yxy(42.0195, 0.3306, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	B1AE9C
RGB	177, 174, 156
RGB Percent	69%, 68%, 61%
CMY	0.3059, 0.3176, 0.3883
CMYK	0.00, 0.02, 0.12, 0.31
HSL	52°, 12%, 65%
HSV	52°, 12%, 69%
XYZ	39.2641, 42.0195, 37.4826
YIQ	172.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

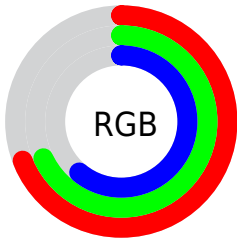
Format	Color
RYB	160, 177, 156
Decimal	11644572
CIELab	70.88, -2.12, 9.63
CIELCh	71, 9.862, 102.409
Yxy	42.0195, 0.3306, 0.3538
Android (android.graphics.Color)	4289834652 (0xFFB1AE9C)
YUV	172.8450, -8.3046, 3.6439
Hunter-Lab	64.8224, -5.3186, 11.0921

Details

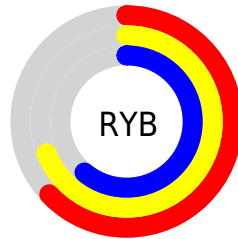
The Yxy color $42.0195, 0.3306, 0.3538$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.0191, 0.2944, 0.3029$, and the grayscale version is $41.7455, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.0154, 0.3279, 0.3492$, and $19.2241, 0.3351, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $40.5054, 0.3466, 0.3754$, and if you desaturate by 10%, it is $43.6428, 0.3154, 0.3328$.

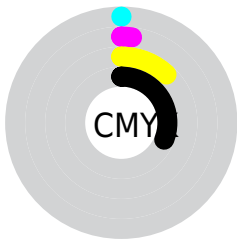
Distribution



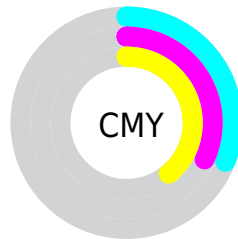
- Red (69%)
- Green (68%)
- Blue (61%)



- Red (63%)
- Yellow (69%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (31%)





- Cyan (31%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0195, 0.3306, 0.3538 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 42.0195, 0.3306, 0.3538 by changing the saturation by 10% instead.


 42.0195, 0.3306,
0.3538

 42.0195, 0.3306,
0.3538


354.5638, 0.3215,
0.3411

 29.1166, 0.3329,
0.3571


 78.2291, 0.3273,
0.3491

 19.1690, 0.3359,
0.3613


 102.3046, 0.3260,
0.3474

 11.7925, 0.3399,
0.3670


130.8731, 0.3250,
0.3459

 6.6025, 0.3455,
0.3752

164.3189, 0.3241,
0.3447

 3.2148, 0.3541,
0.3879

203.0265, 0.3233,
0.3436

 1.2449, 0.3728,
0.4145

247.3802, 0.3227,

 0.0979, 0.2968,

0.3427

0.7032

297.7645, 0.3221,
0.3419

0.0000, 0.0000,
0.0000

42.0195, 0.3306,
0.3538

42.0195, 0.3306,
0.3538

40.5054, 0.3466,
0.3754

43.6428, 0.3154,
0.3328

39.0910, 0.3630,
0.3971

45.3733, 0.3013,
0.3128

37.7740, 0.3796,
0.4181

47.2163, 0.2883,
0.2941

36.5500, 0.3956,
0.4375

49.1750, 0.2764,
0.2767

35.4141, 0.4104,
0.4544

51.2527, 0.2656,
0.2607

■ 34.3609, 0.4234,
0.4679

■ 52.9818, 0.2598,
0.2531

■ 33.3840, 0.4339,
0.4772

■ 54.0698, 0.2601,
0.2561

■ 32.4763, 0.4418,
0.4821

■ 55.1766, 0.2605,
0.2591

■ 31.7769, 0.4466,
0.4836

■ 56.3022, 0.2608,
0.2620

Harmonies

Analogous

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



42.0195, 0.3392, 0.3485



42.0195, 0.3306, 0.3538



42.0195, 0.3173, 0.3523

Triad

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



42.0195, 0.3306, 0.3538



42.0195, 0.2857, 0.3188



42.0195, 0.3221, 0.3146

Complementary

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



42.0195, 0.3306, 0.3538



35.0191, 0.2944, 0.3029

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.



42.0195, 0.3076, 0.3070



42.0195, 0.3306, 0.3538



42.0195, 0.2869, 0.3091

Square

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



42.0195, 0.3306, 0.3538



42.0195, 0.2916, 0.3317



42.0195, 0.2948, 0.3049



42.0195, 0.3342, 0.3258

Rectangle

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



42.0195, 0.3306, 0.3538



42.0195, 0.3077, 0.3475



42.0195, 0.2948, 0.3049



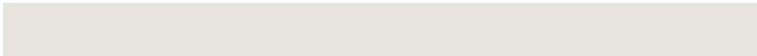
42.0195, 0.3173, 0.3115

Sweetspot

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



42.0213, 0.3306, 0.3538



77.5216, 0.3187, 0.3374



35.6222, 0.3307, 0.3246



16.7528, 0.3198, 0.3389



89.0005, 0.3127, 0.3290



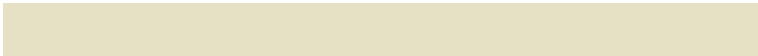
17.0645, 0.3127, 0.3290

Same Dimension

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



42.0213, 0.3306, 0.3538



74.6120, 0.3343, 0.3589



42.3435, 0.3234, 0.3584



9.6974, 0.3267, 0.3484



23.0946, 0.4462, 0.4839



0.7827, 0.4377, 0.4907

Inverse Universe

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



35.0191, 0.2944, 0.3029



59.8090, 0.2904, 0.2973



34.7643, 0.3011, 0.2992



8.4179, 0.2985, 0.3088



2.8611, 0.1536, 0.0729



0.1508, 0.1647, 0.1128

Previews

White Background



This preview shows how the Yxy color 42.0195, 0.3306, 0.3538 looks on a white background.

Color Contrast Check

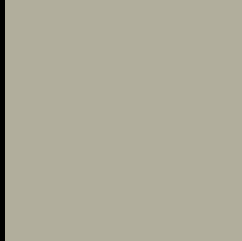
Large Text (above 18pt) WCAG AA × Fail

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 42.0195, 0.3306, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

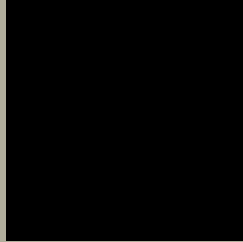
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

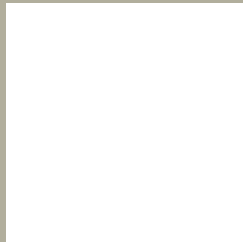
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0195, 0.3306, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 42.0195, 0.3306, 0.3538.



This preview shows how white text looks on a background with the Yxy color 42.0195, 0.3306, 0.3538.

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

42.0195, 0.3306, 0.3538

Protanopia

42.0775, 0.3354, 0.3535

Deuteranopia

41.8075, 0.3492, 0.3421



Tritanopia

41.9921, 0.3117, 0.3118

Trichromacy



Original Color

42.0195, 0.3306, 0.3538

Protanomaly

41.9570, 0.3344, 0.3536

Deuteranomaly

42.0026, 0.3418, 0.3464

Tritanomaly

41.8462, 0.3192, 0.3263

Monochromacy



Original Color

42.0195, 0.3306, 0.3538

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6758, 0.3186, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0195, 0.3306, 0.3538 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(177, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 156)  
}
```

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(177, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 42.0195, 0.3306, 0.3538 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(177, 174, 156) }
```

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

```
.border{ border-color:rgb(177, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0195, 0.3306, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 156) }
```

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

```
.background{ background-color: rgb(177,  
174, 156) }
```

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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