

Converting Colors

$Yxy(42.2538, 0.3244, 0.3599)$

Have a look what the booklet for
Yxy(42.2538, 0.3244, 0.3599)
contains.

Yxy(42.3569, 0.3246, 0.3597)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3569, 0.3246, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	AAB19B
RGB	170, 177, 155
RGB Percent	67%, 69%, 61%
CMY	0.3332, 0.3059, 0.3921
CMYK	0.04, 0.00, 0.12, 0.31
HSL	79°, 12%, 65%
HSV	79°, 12%, 69%
XYZ	38.2237, 42.3569, 37.1756
YIQ	172.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

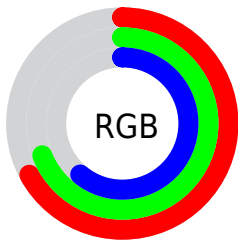
Format	Color
RYB	155, 177, 162
Decimal	11186587
CIELab	71.12, -6.44, 10.41
CIELCh	71, 12.244, 121.721
Yxy	42.3569, 0.3246, 0.3597
Android (android.graphics.Color)	4289376667 (0xFFAAB19B)
YUV	172.3990, -8.5777, -2.1039
Hunter-Lab	65.0822, -9.0583, 11.6905

Details

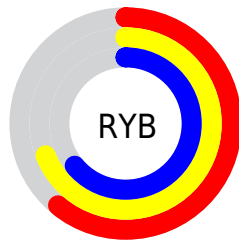
The Yxy color $42.3569, 0.3246, 0.3597$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.2973, 0.2998, 0.2976$, and the grayscale version is $41.5152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8888, 0.3224, 0.3548$, and $19.2663, 0.3281, 0.3680$ is the 20% darker color. If you saturate the color by 10%, you get $41.1964, 0.3342, 0.3860$, and if you desaturate by 10%, it is $43.6348, 0.3150, 0.3348$.

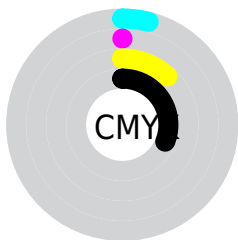
Distribution



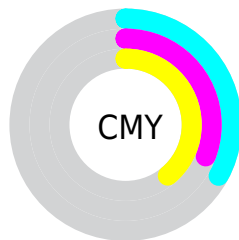
- Red (67%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)





- Cyan (33%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3569, 0.3246, 0.3597 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 42.3569, 0.3246, 0.3597 by changing the saturation by 10% instead.


 42.3569, 0.3246,
0.3597

 42.3569, 0.3246,
0.3597


355.9603, 0.3187,
0.3439

 29.3809, 0.3261,
0.3638


 78.7395, 0.3224,
0.3538

 19.3691, 0.3280,
0.3692


 102.9148, 0.3216,
0.3517

 11.9373, 0.3305,
0.3764


131.5921, 0.3210,
0.3499

 6.7010, 0.3339,
0.3869

165.1556, 0.3204,
0.3483

 3.2758, 0.3389,
0.4033

203.9897, 0.3199,
0.3470

 1.2774, 0.3516,
0.4384

248.4790, 0.3194,

 0.1236, 0.0000,

0.3458

1.0000

299.0077, 0.3190,
0.3448

0.0000, 0.0000,
0.0000

42.3569, 0.3246,
0.3597

42.3569, 0.3246,
0.3597

41.1964, 0.3342,
0.3860

43.6348, 0.3150,
0.3348

40.1437, 0.3434,
0.4133

45.0284, 0.3057,
0.3116

39.1962, 0.3518,
0.4406


46.5432, 0.2967,
0.2903

38.3492, 0.3590,
0.4670


48.1828, 0.2882,
0.2709


37.5975, 0.3645,
0.4914


49.9504, 0.2803,
0.2534

 36.9355, 0.3678,
0.5126


 51.4431, 0.2770,
0.2433

 36.3565, 0.3687,
0.5295

 52.2459, 0.2811,
0.2443

 35.8528, 0.3671,
0.5417

 53.0774, 0.2853,
0.2453

 35.5093, 0.3648,
0.5486

 53.9378, 0.2895,
0.2463

Harmonies

Analogous

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



42.3569, 0.3395, 0.3582



42.3569, 0.3246, 0.3597



42.3569, 0.3068, 0.3523

Triad

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



42.3569, 0.3246, 0.3597



42.3569, 0.2793, 0.3079



42.3569, 0.3346, 0.3198

Complementary

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



42.3569, 0.3246, 0.3597



34.2973, 0.2998, 0.2976

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.



42.3569, 0.3179, 0.3073



42.3569, 0.3246, 0.3597



42.3569, 0.2862, 0.3003

Square

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



42.3569, 0.3246, 0.3597



42.3569, 0.2810, 0.3217



42.3569, 0.3002, 0.3002



42.3569, 0.3455, 0.3348

Rectangle

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



42.3569, 0.3246, 0.3597



42.3569, 0.2958, 0.3434



42.3569, 0.3002, 0.3002



42.3569, 0.3295, 0.3151

Sweetspot

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



42.3587, 0.3246, 0.3597



77.7657, 0.3166, 0.3388



37.4148, 0.3336, 0.3383



16.8154, 0.3173, 0.3406



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.



42.3587, 0.3246, 0.3597



75.2603, 0.3273, 0.3671



41.2204, 0.3151, 0.3606



9.7693, 0.3216, 0.3518



25.7640, 0.3654, 0.5481



0.8401, 0.3810, 0.5357

Inverse Universe

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



34.2973, 0.2998, 0.2976



57.8645, 0.2965, 0.2899



35.4585, 0.3099, 0.2986



8.3562, 0.3033, 0.3058



2.9371, 0.1735, 0.0730



0.1244, 0.2067, 0.0912

Previews

White Background



This preview shows how the Yxy color 42.3569, 0.3246, 0.3597 looks on a white background.

Color Contrast Check

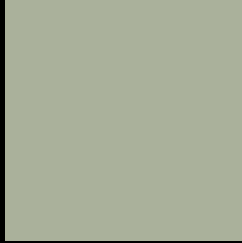
Large Text (above 18pt) WCAG AA × Fail

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 42.3569, 0.3246, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

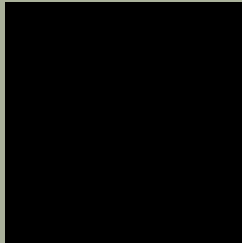
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

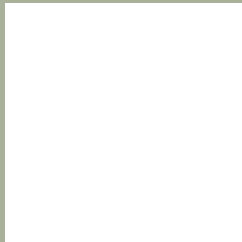
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3569, 0.3246, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 42.3569, 0.3246, 0.3597.



This preview shows how white text looks on a background with the Yxy color 42.3569, 0.3246, 0.3597.

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

42.3569, 0.3246, 0.3597

Protanopia

42.1321, 0.3381, 0.3562

Deuteranopia

42.3099, 0.3499, 0.3434



Tritanopia

42.5463, 0.3039, 0.3117

Trichromacy



Original Color

42.3569, 0.3246, 0.3597

Protanomaly

42.0702, 0.3332, 0.3565

Deuteranomaly

42.0909, 0.3406, 0.3491

Tritanomaly

42.2515, 0.3110, 0.3276

Monochromacy



Original Color

42.3569, 0.3246, 0.3597

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6832, 0.3167, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3569, 0.3246, 0.3597 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(170, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(170, 177, 155)  
}
```

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(170, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.3569, 0.3246, 0.3597 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(170, 177, 155) }
```

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

```
.border{ border-color:rgb(170, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(170, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3569, 0.3246, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 177, 155) }
```

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

```
.background{ background-color: rgb(170,  
177, 155) }
```

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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