

Converting Colors

$Yxy(42.7077, 0.3242, 0.3504)$

Have a look what the booklet for
Yxy(42.7077, 0.3242, 0.3504)
contains.

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Color

Yxy(42.7378, 0.3242, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	AFB0A1
RGB	175, 176, 161
RGB Percent	69%, 69%, 63%
CMY	0.3138, 0.3098, 0.3686
CMYK	0.01, 0.00, 0.09, 0.31
HSL	64°, 9%, 66%
HSV	64°, 9%, 69%
XYZ	39.6327, 42.7378, 39.8772
YIQ	173.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

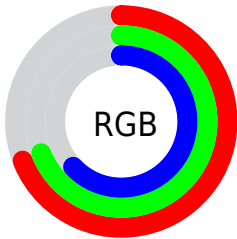
Format	Color
RYB	161, 176, 162
Decimal	11514017
CIELab	71.38, -3.08, 7.56
CIELCh	71, 8.160, 112.172
Yxy	42.7378, 0.3242, 0.3496
Android (android.graphics.Color)	4289704097 (0xFFAFB0A1)
YUV	173.9910, -6.4046, 0.8849
Hunter-Lab	65.3742, -6.1902, 9.5959

Details

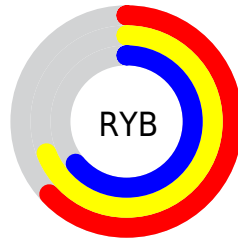
The Yxy color $42.7378, 0.3242, 0.3496$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.3096, 0.3007, 0.3077$, and the grayscale version is $42.3534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6600, 0.3222, 0.3459$, and $19.7304, 0.3286, 0.3575$ is the 20% darker color. If you saturate the color by 10%, you get $42.0214, 0.3380, 0.3745$, and if you desaturate by 10%, it is $43.5466, 0.3108, 0.3255$.

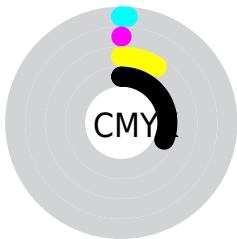
Distribution



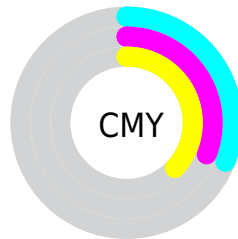
- Red (69%)
- Green (69%)
- Blue (63%)



- Red (63%)
- Yellow (69%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)




- Cyan (31%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7378, 0.3242, 0.3496 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 42.7378, 0.3242, 0.3496 by changing the saturation by 10% instead.


 42.7378, 0.3242,
0.3496

 42.7378, 0.3242,
0.3496


357.5324, 0.3184,
0.3391

 29.6794, 0.3257,
0.3523


 79.3150, 0.3221,
0.3457

 19.5954, 0.3275,
0.3558


 103.6027, 0.3213,
0.3443

 12.1013, 0.3301,
0.3606


132.4023, 0.3206,
0.3431

 6.8127, 0.3336,
0.3674

166.0981, 0.3201,
0.3420

 3.3452, 0.3390,
0.3779

205.0747, 0.3196,
0.3411

 1.3145, 0.3485,
0.3969

249.7163, 0.3191,

 0.1524, 0.3138,

0.3404

0.6862

300.4074, 0.3187,
0.3397

0.0000, 0.0000,
0.0000

42.7378, 0.3242,
0.3496

42.7378, 0.3242,
0.3496

42.0214, 0.3380,
0.3745

43.5466, 0.3108,
0.3255

41.3882, 0.3517,
0.3997

44.4457, 0.2979,
0.3028

40.8361, 0.3649,
0.4244

45.4402, 0.2859,
0.2815

40.3610, 0.3771,
0.4476

46.5331, 0.2747,
0.2620

39.9583, 0.3877,
0.4685

47.7273, 0.2644,
0.2441

■ 39.6229, 0.3962,
0.4860

■ 48.2555, 0.2616,
0.2385

■ 39.3491, 0.4023,
0.4995

■ 48.4049, 0.2625,
0.2387

■ 39.1302, 0.4058,
0.5087

■ 48.5555, 0.2633,
0.2389

■ 38.9544, 0.4072,
0.5141

■ 48.7074, 0.2642,
0.2391

Harmonies

Analogous

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



42.7378, 0.3328, 0.3470



42.7378, 0.3242, 0.3496



42.7378, 0.3127, 0.3465

Triad

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



42.7378, 0.3242, 0.3496



42.7378, 0.2901, 0.3177



42.7378, 0.3240, 0.3199

Complementary

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



42.7378, 0.3242, 0.3496



36.3096, 0.3007, 0.3077

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.



42.7378, 0.3124, 0.3124



42.7378, 0.3242, 0.3496



42.7378, 0.2930, 0.3110

Square

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



42.7378, 0.3242, 0.3496



42.7378, 0.2931, 0.3277



42.7378, 0.3011, 0.3091



42.7378, 0.3327, 0.3298

Rectangle

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



42.7378, 0.3242, 0.3496



42.7378, 0.3049, 0.3415



42.7378, 0.3011, 0.3091



42.7378, 0.3203, 0.3170

Sweetspot

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



42.7397, 0.3242, 0.3496



78.2845, 0.3168, 0.3363



37.6452, 0.3271, 0.3304



16.9403, 0.3179, 0.3382



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.



42.7397, 0.3242, 0.3496



77.2782, 0.3264, 0.3537



41.8994, 0.3175, 0.3500



9.8761, 0.3253, 0.3516



28.5693, 0.4074, 0.5147



0.9078, 0.4110, 0.5119

Inverse Universe

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



36.3096, 0.3007, 0.3077



63.5231, 0.2982, 0.3033



37.1154, 0.3076, 0.3081



8.2573, 0.2995, 0.3055



2.3683, 0.1527, 0.0615



0.0838, 0.1637, 0.0675

Previews

White Background



This preview shows how the Yxy color 42.7378, 0.3242, 0.3496 looks on a white background.

Color Contrast Check

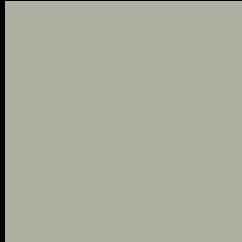
Large Text (above 18pt) WCAG AA × Fail

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 42.7378, 0.3242, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

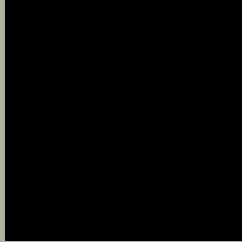
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

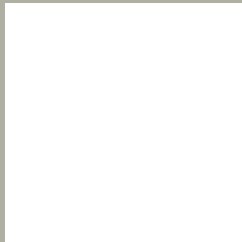
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7378, 0.3242, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 42.7378, 0.3242, 0.3496.



This preview shows how white text looks on a background with the Yxy color 42.7378, 0.3242, 0.3496.

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

42.7378, 0.3242, 0.3496

Protanopia

42.6339, 0.3309, 0.3480

Deuteranopia

42.7203, 0.3441, 0.3382



Tritanopia

42.6339, 0.3074, 0.3105

Trichromacy



Original Color

42.7378, 0.3242, 0.3496

Protanomaly

42.7817, 0.3289, 0.3494

Deuteranomaly

42.8050, 0.3360, 0.3423

Tritanomaly

42.5264, 0.3139, 0.3237

Monochromacy



Original Color

42.7378, 0.3242, 0.3496

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5232, 0.3168, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7378, 0.3242, 0.3496 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(175, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 161)  
}
```

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(175, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 161) }
```

Border

The CSS property to change the border of an element to Yxy 42.7378, 0.3242, 0.3496 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(175, 176, 161) }
```

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

```
.border{ border-color:rgb(175, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7378, 0.3242, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 161) }
```

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

```
.background{ background-color: rgb(175,  
176, 161) }
```

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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