

Converting Colors

$Yxy(42.4019, 0.3261, 0.3495)$

Have a look what the booklet for
Yxy(42.4019, 0.3261, 0.3495)
contains.

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Color

Yxy(42.4281, 0.3261, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	B0AFA0
RGB	176, 175, 160
RGB Percent	69%, 69%, 63%
CMY	0.3099, 0.3137, 0.3726
CMYK	0.00, 0.01, 0.09, 0.31
HSL	56°, 9%, 66%
HSV	56°, 9%, 69%
XYZ	39.5761, 42.4281, 39.3576
YIQ	173.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

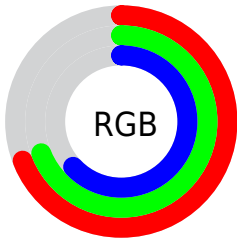
Format	Color
RYB	161, 176, 160
Decimal	11579296
CIELab	71.17, -2.35, 7.82
CIELCh	71, 8.160, 106.704
Yxy	42.4281, 0.3261, 0.3496
Android (android.graphics.Color)	4289769376 (0xFFB0AFA0)
YUV	173.5890, -6.6994, 2.1144
Hunter-Lab	65.1369, -5.5358, 9.7710

Details

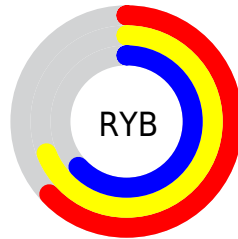
The Yxy color $42.4281, 0.3261, 0.3496$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.0848, 0.2989, 0.3075$, and the grayscale version is $42.1381, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6557, 0.3238, 0.3449$, and $19.4810, 0.3289, 0.3557$ is the 20% darker color. If you saturate the color by 10%, you get $41.4419, 0.3414, 0.3729$, and if you desaturate by 10%, it is $43.5085, 0.3114, 0.3270$.

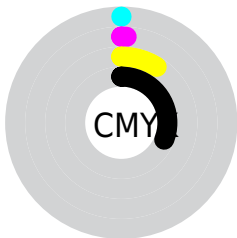
Distribution



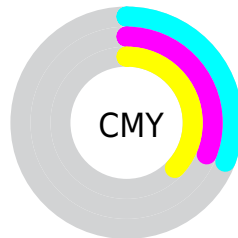
- Red (69%)
- Green (69%)
- Blue (63%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4281, 0.3261, 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 42.4281, 0.3261, 0.3496 by changing the saturation by 10% instead.


 42.4281, 0.3261,
0.3496

 42.4281, 0.3261,
0.3496


356.2545, 0.3193,
0.3391

 29.4367, 0.3278,
0.3523


 78.8471, 0.3236,
0.3457

 19.4114, 0.3300,
0.3558


 103.0435, 0.3227,
0.3443

 11.9679, 0.3330,
0.3606


131.7436, 0.3219,
0.3431

 6.7218, 0.3372,
0.3674

165.3319, 0.3212,
0.3420

 3.2888, 0.3436,
0.3779

204.1927, 0.3207,
0.3412

 1.2843, 0.3554,
0.3973

248.7105, 0.3202,

 0.1290, 0.3362,

0.3404

0.6638

299.2697, 0.3197,
0.3397

0.0000, 0.0000,
0.0000

42.4281, 0.3261,
0.3496

42.4281, 0.3261,
0.3496

41.4419, 0.3414,
0.3729

43.5085, 0.3114,
0.3270

40.5406, 0.3569,
0.3964

44.6811, 0.2975,
0.3055

39.7223, 0.3722,
0.4191

45.9508, 0.2847,
0.2853

38.9827, 0.3868,
0.4403

47.3208, 0.2728,
0.2666

38.3172, 0.3999,
0.4591

48.7940, 0.2620,
0.2495

■ 37.7207, 0.4111,
0.4744

■ 49.6727, 0.2581,
0.2439

■ 37.1874, 0.4199,
0.4858

■ 50.1111, 0.2582,
0.2452

■ 36.7106, 0.4261,
0.4928

■ 50.5529, 0.2584,
0.2464

■ 36.2774, 0.4300,
0.4963

■ 50.9980, 0.2585,
0.2477

Harmonies

Analogous

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



42.4281, 0.3338, 0.3460



42.4281, 0.3261, 0.3496



42.4281, 0.3149, 0.3475

Triad

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



42.4281, 0.3261, 0.3496



42.4281, 0.2901, 0.3193



42.4281, 0.3221, 0.3183

Complementary

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



42.4281, 0.3261, 0.3496



36.0848, 0.2989, 0.3075

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.



42.4281, 0.3102, 0.3114



42.4281, 0.3261, 0.3496



42.4281, 0.2920, 0.3118

Square

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



42.4281, 0.3261, 0.3496



42.4281, 0.2942, 0.3297



42.4281, 0.2992, 0.3090



42.4281, 0.3315, 0.3279

Rectangle

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



42.4281, 0.3261, 0.3496



42.4281, 0.3069, 0.3431



42.4281, 0.2992, 0.3090



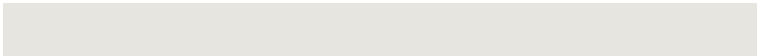
42.4281, 0.3182, 0.3156

Sweetspot

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



42.4300, 0.3261, 0.3496



78.1309, 0.3171, 0.3358



36.9428, 0.3273, 0.3276



16.8983, 0.3183, 0.3376



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.



42.4300, 0.3261, 0.3496



76.5794, 0.3293, 0.3545



42.0229, 0.3197, 0.3513



9.8163, 0.3265, 0.3502



26.6257, 0.4302, 0.4966



0.8642, 0.4269, 0.4993

Inverse Universe

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



36.0848, 0.2989, 0.3075



62.6005, 0.2955, 0.3022



36.4803, 0.3053, 0.3066



8.3104, 0.2985, 0.3069



2.5020, 0.1513, 0.0647



0.1060, 0.1567, 0.0840

Previews

White Background



This preview shows how the Yxy color 42.4281, 0.3261, 0.3496 looks on a white background.

Color Contrast Check

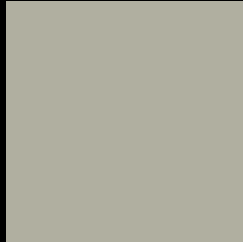
Large Text (above 18pt) WCAG AA × Fail

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 42.4281, 0.3261, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

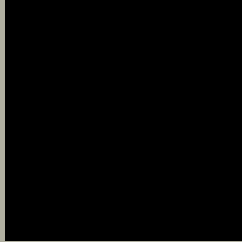
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

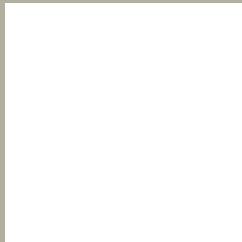
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.4281, 0.3261, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 42.4281, 0.3261, 0.3496.



This preview shows how white text looks on a background with the Yxy color 42.4281, 0.3261, 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

42.4281, 0.3261, 0.3496

Protanopia

42.5991, 0.3317, 0.3493

Deuteranopia

42.3142, 0.3453, 0.3382



Tritanopia

42.3319, 0.3091, 0.3105

Trichromacy



Original Color

42.4281, 0.3261, 0.3496

Protanomaly

42.3590, 0.3299, 0.3495

Deuteranomaly

42.5178, 0.3380, 0.3423

Tritanomaly

42.2233, 0.3157, 0.3237

Monochromacy



Original Color

42.4281, 0.3261, 0.3496

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2506, 0.3178, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4281, 0.3261, 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(176, 175, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 160)  
}
```

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(176, 175, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 160) }
```

Border

The CSS property to change the border of an element to Yxy 42.4281, 0.3261, 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(176, 175, 160) }
```

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

```
.border{ border-color:rgb(176, 175, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4281, 0.3261, 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(176, 175, 160) }
```

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

```
.background{ background-color: rgb(176,  
175, 160) }
```

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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