

Converting Colors

$Yxy(42.6854, 0.3262, 0.3425)$

Have a look what the booklet for
Yxy(42.6854, 0.3262, 0.3425)
contains.

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Color

Yxy(42.6557, 0.3265, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	B4AEA4
RGB	180, 174, 164
RGB Percent	71%, 68%, 64%
CMY	0.2941, 0.3177, 0.3568
CMYK	0.00, 0.03, 0.09, 0.29
HSL	37°, 10%, 67%
HSV	37°, 9%, 71%
XYZ	40.6630, 42.6557, 41.2235
YIQ	174.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

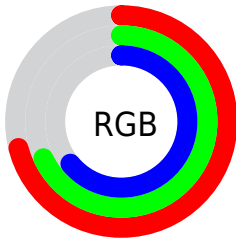
Format	Color
RYB	174, 180, 164
Decimal	11841188
CIELab	71.32, 0.37, 5.87
CIELCh	71, 5.879, 86.380
Yxy	42.6557, 0.3265, 0.3425
Android (android.graphics.Color)	4290031268 (0xFFB4AEA4)
YUV	174.6540, -5.2524, 4.6884
Hunter-Lab	65.3113, -3.1602, 8.2950

Details

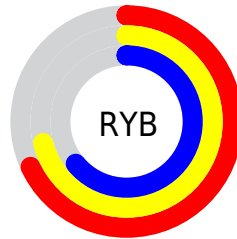
The Yxy color $42.6557, 0.3265, 0.3425$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.9552, 0.2992, 0.3151$, and the grayscale version is $42.7090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9860, 0.3240, 0.3395$, and $19.6009, 0.3306, 0.3477$ is the 20% darker color. If you saturate the color by 10%, you get $39.5015, 0.3437, 0.3584$, and if you desaturate by 10%, it is $46.0377, 0.3111, 0.3274$.

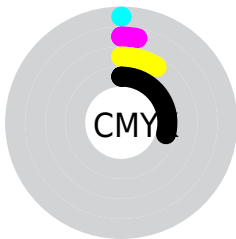
Distribution



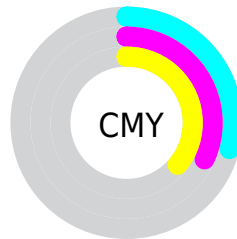
- Red (71%)
- Green (68%)
- Blue (64%)



- Red (68%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (29%)





- Cyan (29%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6557, 0.3265, 0.3425 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 42.6557, 0.3265, 0.3425 by changing the saturation by 10% instead.


 42.6557, 0.3265,
0.3425

 42.6557, 0.3265,
0.3425

357.1939, 0.3195,
0.3357

 29.6151, 0.3283,
0.3442


 79.1910, 0.3239,
0.3400

 19.5466, 0.3306,
0.3465


 103.4545, 0.3230,
0.3391

 12.0659, 0.3337,
0.3495


132.2278, 0.3222,
0.3383

 6.7886, 0.3382,
0.3538

165.8951, 0.3215,
0.3376

 3.3302, 0.3450,
0.3604

204.8411, 0.3209,
0.3370

 1.3065, 0.3567,
0.3717

249.4499, 0.3204,

 0.1462, 0.5031,

0.3365

0.4969

300.1060, 0.3199,
0.3361

0.0000, 0.0000,
0.0000

42.6557, 0.3265,
0.3425

42.6557, 0.3265,
0.3425

39.5015, 0.3437,
0.3584

46.0377, 0.3111,
0.3274

36.5636, 0.3626,
0.3748

49.6473, 0.2973,
0.3131

33.8378, 0.3831,
0.3911

53.4916, 0.2851,
0.3000

31.3178, 0.4048,
0.4066

57.5758, 0.2743,
0.2878

28.9965, 0.4271,
0.4203

61.9047, 0.2647,
0.2767

■ 26.8665, 0.4491,
0.4313

■ 65.3369, 0.2651,
0.2836

■ 24.9195, 0.4697,
0.4382

■ 68.8495, 0.2660,
0.2914

■ 23.1461, 0.4879,
0.4403

■ 72.5065, 0.2668,
0.2992

■ 21.5313, 0.5031,
0.4377

■ 76.3095, 0.2677,
0.3068

Harmonies

Analogous

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



42.6557, 0.3294, 0.3377



42.6557, 0.3265, 0.3425



42.6557, 0.3199, 0.3437

Triad

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



42.6557, 0.3265, 0.3425



42.6557, 0.2980, 0.3271



42.6557, 0.3138, 0.3176

Complementary

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



42.6557, 0.3265, 0.3425



39.9552, 0.2992, 0.3151

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.



42.6557, 0.3054, 0.3147



42.6557, 0.3265, 0.3425



42.6557, 0.2964, 0.3200

Square

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



42.6557, 0.3265, 0.3425



42.6557, 0.3035, 0.3347



42.6557, 0.2991, 0.3156



42.6557, 0.3219, 0.3234

Rectangle

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



42.6557, 0.3265, 0.3425



42.6557, 0.3144, 0.3423



42.6557, 0.2991, 0.3156



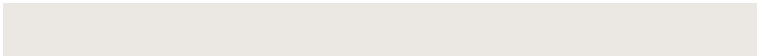
42.6557, 0.3109, 0.3162

Sweetspot

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



42.6576, 0.3265, 0.3425



80.8577, 0.3173, 0.3336



39.1728, 0.3224, 0.3207



17.3700, 0.3185, 0.3348



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.



42.6576, 0.3265, 0.3425



75.9796, 0.3303, 0.3461



44.8113, 0.3240, 0.3505



9.3587, 0.3272, 0.3432



15.0370, 0.5035, 0.4384



0.5809, 0.4745, 0.4615

Inverse Universe

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



39.9552, 0.2992, 0.3151



69.9038, 0.2956, 0.3113



37.9509, 0.3009, 0.3067



8.7366, 0.2985, 0.3144



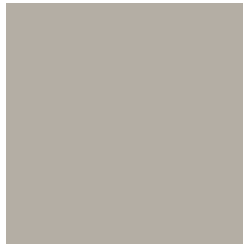
5.2814, 0.1672, 0.1220



0.2806, 0.1835, 0.1807

Previews

White Background



This preview shows how the Yxy color 42.6557, 0.3265, 0.3425 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 42.6557, 0.3265, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

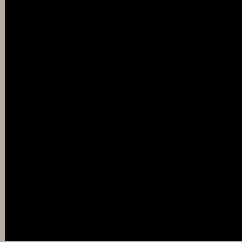
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

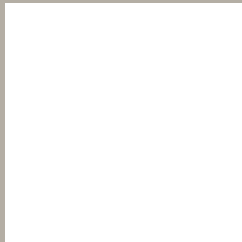
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6557, 0.3265, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 42.6557, 0.3265, 0.3425.

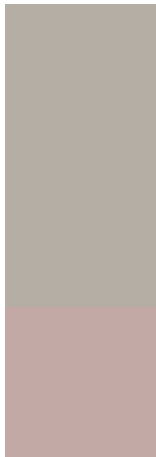


This preview shows how white text looks on a background with the Yxy color 42.6557, 0.3265, 0.3425.

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

42.6557, 0.3265, 0.3425

Protanopia

42.6557, 0.3265, 0.3425

Deuteranopia

42.6946, 0.3405, 0.3343



Tritanopia

42.6538, 0.3126, 0.3120

Trichromacy



Original Color

42.6557, 0.3265, 0.3425

Protanomaly

42.6557, 0.3265, 0.3425

Deuteranomaly

42.7896, 0.3354, 0.3369

Tritanomaly

42.6245, 0.3175, 0.3224

Monochromacy



Original Color

42.6557, 0.3265, 0.3425

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9473, 0.3178, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6557, 0.3265, 0.3425 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(180, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 164)  
}
```

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(180, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 164) }
```

Border

The CSS property to change the border of an element to Yxy 42.6557, 0.3265, 0.3425 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(180, 174, 164) }
```

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

```
.border{ border-color:rgb(180, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6557, 0.3265, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 164) }
```

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

```
.background{ background-color: rgb(180,  
174, 164) }
```

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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