

Converting Colors

$Yxy(43.6004, 0.3267, 0.3665)$

Have a look what the booklet for
Yxy(43.6004, 0.3267, 0.3665)
contains.

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Color

Yxy(43.6004, 0.3267, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	ABB499
RGB	171, 180, 153
RGB Percent	67%, 71%, 60%
CMY	0.3294, 0.2941, 0.4000
CMYK	0.05, 0.00, 0.15, 0.29
HSL	80°, 15%, 65%
HSV	80°, 15%, 71%
XYZ	38.8656, 43.6004, 36.4982
YIQ	174.2310, 3.3030, -10.3050

Conversions

Conversions Part 2

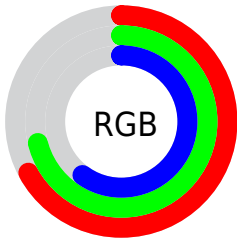
Format	Color
RYB	153, 180, 162
Decimal	11252889
CIELab	71.96, -8.02, 12.72
CIELCh	72, 15.042, 122.229
Yxy	43.6004, 0.3267, 0.3665
Android (android.graphics.Color)	4289442969 (0xFFABB499)
YUV	174.2310, -10.4669, -2.8336
Hunter-Lab	66.0306, -10.4884, 13.4490

Details

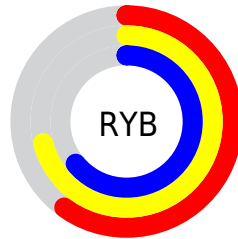
The Yxy color **43.6004, 0.3267, 0.3665** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7537, 0.2972, 0.2906**, and the grayscale version is **42.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6647, 0.3241, 0.3600**, and **20.0600, 0.3309, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **42.3936, 0.3359, 0.3933**, and if you desaturate by 10%, it is **44.9312, 0.3174, 0.3411**.

Distribution



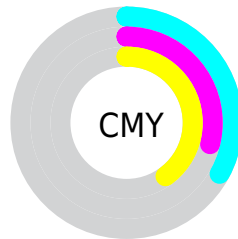
- Red (67%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6004, 0.3267, 0.3665 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 43.6004, 0.3267, 0.3665 by changing the saturation by 10% instead.


 43.6004, 0.3267,
0.3665


 43.6004, 0.3267,
0.3665


361.0751, 0.3198,
0.3472

 30.3565, 0.3284,
0.3715


 80.6161, 0.3242,
0.3594

 20.1093, 0.3305,
0.3780

 105.1567, 0.3233,
0.3567

 12.4745, 0.3333,
0.3868


134.2316, 0.3225,
0.3545

 7.0677, 0.3371,
0.3994

168.2253, 0.3218,
0.3526

 3.5045, 0.3425,
0.4190

207.5220, 0.3212,
0.3510

 1.4004, 0.3567,
0.4614

252.5063, 0.3207,

 0.2170, 0.0460,

0.3496

0.9540

303.5626, 0.3202,
0.3483

0.0000, 0.0000,
0.0000

43.6004, 0.3267,
0.3665

43.6004, 0.3267,
0.3665

42.3936, 0.3359,
0.3933

44.9312, 0.3174,
0.3411

41.3008, 0.3447,
0.4208

46.3846, 0.3082,
0.3174

40.3192, 0.3526,
0.4483

47.9663, 0.2993,
0.2956

39.4435, 0.3591,
0.4746

49.6801, 0.2909,
0.2758

38.6684, 0.3637,
0.4986

51.5295, 0.2831,
0.2578

■ 37.9875, 0.3661,
0.5191

■ 53.1261, 0.2796,
0.2472

■ 37.3936, 0.3661,
0.5351

■ 54.0059, 0.2840,
0.2482

■ 36.8783, 0.3636,
0.5463

■ 54.9189, 0.2885,
0.2492

■ 36.6411, 0.3619,
0.5508

■ 55.8654, 0.2930,
0.2503

Harmonies

Analogous

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



43.6004, 0.3450, 0.3647



43.6004, 0.3267, 0.3665



43.6004, 0.3051, 0.3573

Triad

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



43.6004, 0.3267, 0.3665



43.6004, 0.2723, 0.3030



43.6004, 0.3397, 0.3180

Complementary

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



43.6004, 0.3267, 0.3665



33.7537, 0.2972, 0.2906

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.



43.6004, 0.3193, 0.3029



43.6004, 0.3267, 0.3665



43.6004, 0.2808, 0.2941

Square

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



43.6004, 0.3267, 0.3665



43.6004, 0.2742, 0.3196



43.6004, 0.2978, 0.2942



43.6004, 0.3528, 0.3362

Rectangle

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



43.6004, 0.3267, 0.3665



43.6004, 0.2918, 0.3462



43.6004, 0.2978, 0.2942



43.6004, 0.3334, 0.3125

Sweetspot

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



43.6023, 0.3267, 0.3665



81.4465, 0.3174, 0.3413



37.6831, 0.3385, 0.3409



17.5660, 0.3181, 0.3430



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.



43.6023, 0.3267, 0.3665



78.3096, 0.3298, 0.3752



42.2067, 0.3151, 0.3679



9.7621, 0.3214, 0.3518



25.6098, 0.3626, 0.5503



0.8361, 0.3790, 0.5373

Inverse Universe

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



33.7537, 0.2972, 0.2906



57.0222, 0.2934, 0.2814



35.1937, 0.3096, 0.2920



8.3631, 0.3035, 0.3058



3.0026, 0.1758, 0.0742



0.1272, 0.2093, 0.0927

Previews

White Background



This preview shows how the Yxy color 43.6004, 0.3267, 0.3665 looks on a white background.

Color Contrast Check

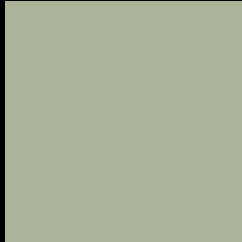
Large Text (above 18pt) WCAG AA × Fail

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 43.6004, 0.3267, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

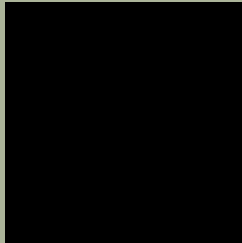
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

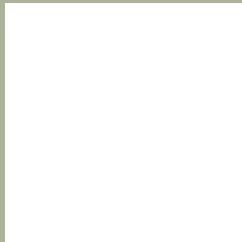
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6004, 0.3267, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 43.6004, 0.3267, 0.3665.



This preview shows how white text looks on a background with the Yxy color 43.6004, 0.3267, 0.3665.

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

43.6004, 0.3267, 0.3665

Protanopia

43.5993, 0.3420, 0.3626

Deuteranopia

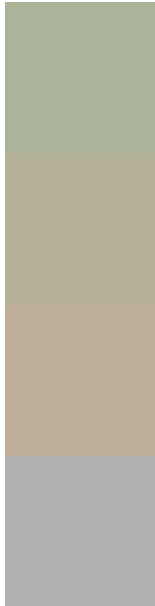
43.5335, 0.3551, 0.3483



Tritanopia

43.5642, 0.3023, 0.3105

Trichromacy



Original Color

43.6004, 0.3267, 0.3665

Protanomaly

43.4146, 0.3362, 0.3630

Deuteranomaly

43.5523, 0.3445, 0.3555

Tritanomaly

43.5775, 0.3109, 0.3303

Monochromacy



Original Color

43.6004, 0.3267, 0.3665

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6881, 0.3183, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6004, 0.3267, 0.3665 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(171, 180, 153)` looks like.

```
.text, #text, p{  
    color:rgb(171, 180, 153)  
}
```

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(171, 180, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 180, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.6004, 0.3267, 0.3665 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(171, 180, 153) }
```

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

```
.border{ border-color:rgb(171, 180, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 180, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(171, 180,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6004, 0.3267, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 180, 153) }
```

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

```
.background{ background-color: rgb(171,  
180, 153) }
```

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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