

Converting Colors

$Y_{xy}(46.7902, 0.3259, 0.3458)$

Have a look what the booklet for
Yxy(46.7902, 0.3259, 0.3458)
contains.

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Color

Yxy(46.7596, 0.3266, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	BAB6A9
RGB	186, 182, 169
RGB Percent	73%, 71%, 66%
CMY	0.2706, 0.2862, 0.3372
CMYK	0.00, 0.02, 0.09, 0.27
HSL	46°, 11%, 70%
HSV	46°, 9%, 73%
XYZ	44.1378, 46.7596, 44.2459
YIQ	181.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

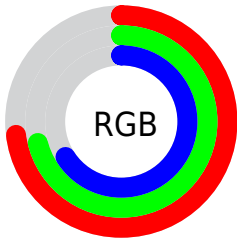
Format	Color
RYB	174, 186, 169
Decimal	12236457
CIELab	74.04, -0.89, 7.10
CIELCh	74, 7.151, 97.166
Yxy	46.7596, 0.3266, 0.3460
Android (android.graphics.Color)	4290426537 (0xFFBAB6A9)
YUV	181.7140, -6.2680, 3.7588
Hunter-Lab	68.3810, -4.4505, 9.5031

Details

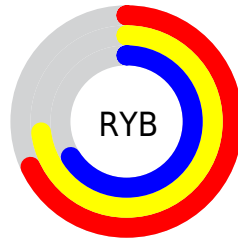
The Yxy color **46.7596, 0.3266, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8693, 0.2988, 0.3114**, and the grayscale version is **46.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4081, 0.3241, 0.3433**, and **21.9714, 0.3308, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **44.3533, 0.3430, 0.3654**, and if you desaturate by 10%, it is **49.3250, 0.3114, 0.3274**.

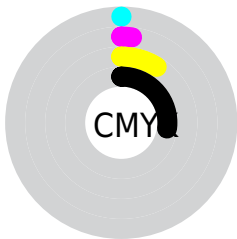
Distribution



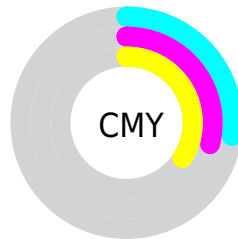
- Red (73%)
- Green (71%)
- Blue (66%)



- Red (68%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (27%)





- Cyan (27%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7596, 0.3266, 0.3460 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 46.7596, 0.3266, 0.3460 by changing the saturation by 10% instead.

 46.7596, 0.3266,
0.3460

 46.7596, 0.3266,
0.3460


373.8541, 0.3197,
0.3375

 32.8456, 0.3283,
0.3481


 85.3547, 0.3241,
0.3429

 22.0082, 0.3305,
0.3509


110.8046, 0.3231,
0.3417

 13.8629, 0.3335,
0.3545


140.8686, 0.3223,
0.3408

 8.0254, 0.3376,
0.3597

175.9311, 0.3217,
0.3399

 4.1112, 0.3438,
0.3674

216.3765, 0.3211,
0.3392

 1.7360, 0.3539,
0.3801

262.5893, 0.3205,

 0.4468, 0.4742,

0.3386

0.5258

314.9537, 0.3201,
0.3380

0.0000, 0.0000,
0.0000

46.7596, 0.3266,
0.3460

46.7596, 0.3266,
0.3460

44.3533, 0.3430,
0.3654

49.3250, 0.3114,
0.3274

42.0952, 0.3604,
0.3851

52.0479, 0.2976,
0.3099

39.9825, 0.3786,
0.4046

54.9343, 0.2850,
0.2935

38.0098, 0.3969,
0.4229

57.9884, 0.2737,
0.2784

36.1714, 0.4148,
0.4392

60.7538, 0.2674,
0.2715

■ 34.4608, 0.4314,
0.4524

■ 62.8536, 0.2679,
0.2765

■ 32.8709, 0.4460,
0.4617

■ 65.0118, 0.2684,
0.2816

■ 31.3933, 0.4579,
0.4663

■ 67.2290, 0.2689,
0.2866

■ 30.0134, 0.4671,
0.4667

■ 69.5056, 0.2694,
0.2916

Harmonies

Analogous

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



46.7596, 0.3317, 0.3417



46.7596, 0.3266, 0.3460



46.7596, 0.3178, 0.3457

Triad

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



46.7596, 0.3266, 0.3460



46.7596, 0.2941, 0.3235



46.7596, 0.3176, 0.3177

Complementary

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



46.7596, 0.3266, 0.3460



41.8693, 0.2988, 0.3114

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.



46.7596, 0.3075, 0.3129



46.7596, 0.3266, 0.3460



46.7596, 0.2940, 0.3161

Square

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



46.7596, 0.3266, 0.3460



46.7596, 0.2991, 0.3326



46.7596, 0.2989, 0.3123



46.7596, 0.3265, 0.3253

Rectangle

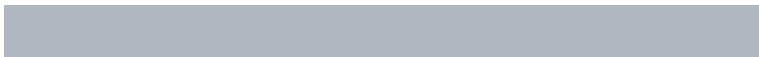
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.7596, 0.3266, 0.3460



46.7596, 0.3110, 0.3429



46.7596, 0.2989, 0.3123



46.7596, 0.3142, 0.3157

Sweetspot

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



46.7616, 0.3266, 0.3460



87.5608, 0.3172, 0.3346



41.8490, 0.3247, 0.3234



19.1992, 0.3185, 0.3361



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.7616, 0.3266, 0.3460



83.8507, 0.3299, 0.3499



47.8908, 0.3224, 0.3513



10.1367, 0.3269, 0.3464



20.2350, 0.4671, 0.4673



0.8015, 0.4525, 0.4789

Inverse Universe

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



41.8693, 0.2988, 0.3114



73.1276, 0.2955, 0.3072



40.8433, 0.3025, 0.3062



9.0522, 0.2985, 0.3110



3.6757, 0.1577, 0.0877



0.2269, 0.1718, 0.1384

Previews

White Background



This preview shows how the Yxy color 46.7596, 0.3266, 0.3460 looks on a white background.

Color Contrast Check

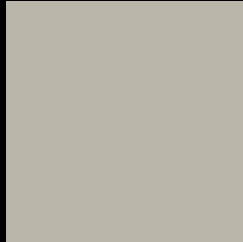
Large Text (above 18pt) WCAG AA × Fail

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 46.7596, 0.3266, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

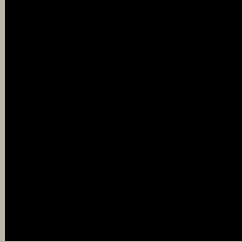
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

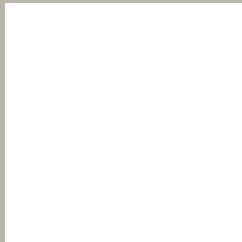
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7596, 0.3266, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 46.7596, 0.3266, 0.3460.



This preview shows how white text looks on a background with the Yxy color 46.7596, 0.3266, 0.3460.

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

46.7596, 0.3266, 0.3460

Protanopia

46.6037, 0.3285, 0.3447

Deuteranopia

46.7903, 0.3430, 0.3366



Tritanopia

46.9093, 0.3101, 0.3113

Trichromacy



Original Color

46.7596, 0.3266, 0.3460

Protanomaly

46.4771, 0.3277, 0.3447

Deuteranomaly

46.6134, 0.3362, 0.3392

Tritanomaly

46.7946, 0.3164, 0.3239

Monochromacy



Original Color

46.7596, 0.3266, 0.3460

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6975, 0.3175, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7596, 0.3266, 0.3460 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(186, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 169)  
}
```

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(186, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.7596, 0.3266, 0.3460 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(186, 182, 169) }
```

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

```
.border{ border-color:rgb(186, 182, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7596, 0.3266, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 169) }
```

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

```
.background{ background-color: rgb(186,  
182, 169) }
```

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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