

Converting Colors

$Yxy(45.6262, 0.3485, 0.3782)$

Have a look what the booklet for
Yxy(45.6262, 0.3485, 0.3782)
contains.

Yxy(45.6262, 0.3485, 0.3782)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.6262, 0.3485, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	BBB590
RGB	187, 181, 144
RGB Percent	73%, 71%, 56%
CMY	0.2668, 0.2901, 0.4353
CMYK	0.00, 0.03, 0.23, 0.27
HSL	52°, 24%, 65%
HSV	52°, 23%, 73%
XYZ	42.0432, 45.6262, 32.9710
YIQ	178.5760, 15.4530, -10.2350

Conversions

Conversions Part 2

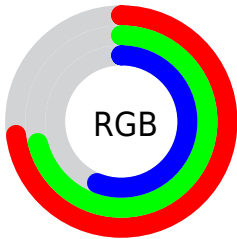
Format	Color
RYB	151, 187, 144
Decimal	12301712
CIELab	73.30, -3.96, 19.67
CIELCh	73, 20.060, 101.372
Yxy	45.6262, 0.3485, 0.3782
Android (android.graphics.Color)	4290491792 (0xFFBBB590)
YUV	178.5760, -17.0460, 7.3878
Hunter-Lab	67.5472, -7.1043, 18.3425

Details

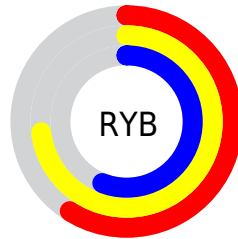
The Yxy color **45.6262, 0.3485, 0.3782** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3044, 0.2750, 0.2745**, and the grayscale version is **44.9260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8787, 0.3424, 0.3692**, and **21.2152, 0.3586, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **44.0616, 0.3650, 0.4000**, and if you desaturate by 10%, it is **47.3091, 0.3324, 0.3564**.

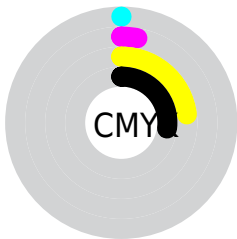
Distribution



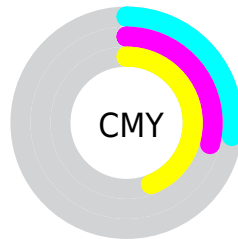
- Red (73%)
- Green (71%)
- Blue (56%)



- Red (59%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6262, 0.3485, 0.3782 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 45.6262, 0.3485, 0.3782 by changing the saturation by 10% instead.

■ 45.6262, 0.3485,
0.3782

■ 45.6262, 0.3485,
0.3782

■ 369.3038, 0.3307,
0.3534

■ 31.9509, 0.3529,
0.3844

■ 83.6593, 0.3421,
0.3691

■ 21.3240, 0.3584,
0.3925

■ 108.7859, 0.3397,
0.3657

■ 13.3611, 0.3656,
0.4031

■ 138.4985, 0.3376,
0.3629

■ 7.6776, 0.3754,
0.4179

■ 173.1813, 0.3359,
0.3604

■ 3.8894, 0.3892,
0.4396

■ 213.2189, 0.3343,
0.3583

■ 1.6119, 0.4307,
0.4986

■ 258.9956, 0.3330,

■ 0.3656, 0.4070,

0.3565

0.5930

310.8957, 0.3318,
0.3548

0.0000, 0.0000,
0.0000

45.6262, 0.3485,
0.3782

45.6262, 0.3485,
0.3782

44.0616, 0.3650,
0.4000

47.3091, 0.3324,
0.3564

42.6043, 0.3815,
0.4210

49.1086, 0.3171,
0.3352

41.2513, 0.3974,
0.4403

51.0308, 0.3028,
0.3149

39.9969, 0.4120,
0.4569

53.0798, 0.2896,
0.2959

38.8348, 0.4246,
0.4699

55.2593, 0.2775,
0.2782

■ 37.7577, 0.4347,
0.4787

■ 57.4976, 0.2672,
0.2631

■ 36.7570, 0.4420,
0.4830

■ 58.6779, 0.2675,
0.2661

■ 36.0887, 0.4460,
0.4841

■ 59.8783, 0.2678,
0.2691

■ 61.0991, 0.2681,
0.2721

Harmonies

Analogous

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



45.6262, 0.3656, 0.3660



45.6262, 0.3485, 0.3782



45.6262, 0.3222, 0.3766

Triad

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



45.6262, 0.3485, 0.3782



45.6262, 0.2604, 0.3088



45.6262, 0.3299, 0.3004

Complementary

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



45.6262, 0.3485, 0.3782



31.3044, 0.2750, 0.2745

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.



45.6262, 0.3012, 0.2863



45.6262, 0.3485, 0.3782



45.6262, 0.2621, 0.2900

Square

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



45.6262, 0.3485, 0.3782



45.6262, 0.2719, 0.3348



45.6262, 0.2767, 0.2824



45.6262, 0.3548, 0.3215

Rectangle

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



45.6262, 0.3485, 0.3782



45.6262, 0.3033, 0.3672



45.6262, 0.2767, 0.2824



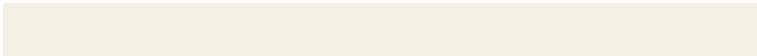
45.6262, 0.3204, 0.2948

Sweetspot

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



45.6282, 0.3485, 0.3782



86.6384, 0.3233, 0.3438



32.7186, 0.3523, 0.3202



19.0363, 0.3242, 0.3451



95.5105, 0.3127, 0.3290



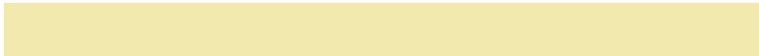
19.5994, 0.3127, 0.3290

Same Dimension

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



45.6282, 0.3485, 0.3782



80.1996, 0.3575, 0.3902



46.2982, 0.3335, 0.3881



10.8895, 0.3268, 0.3486



24.9560, 0.4456, 0.4844



1.0404, 0.4384, 0.4901

Inverse Universe

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



31.3044, 0.2750, 0.2745



49.6697, 0.2648, 0.2594



30.9029, 0.2882, 0.2679



9.4324, 0.2984, 0.3086



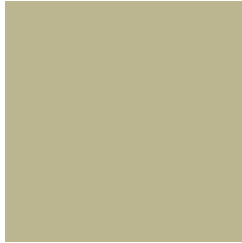
3.0404, 0.1534, 0.0721



0.1887, 0.1630, 0.1068

Previews

White Background



This preview shows how the Yxy color 45.6262, 0.3485, 0.3782 looks on a white background.

Color Contrast Check

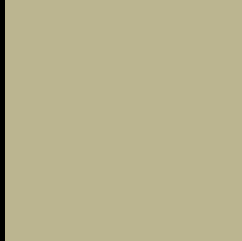
Large Text (above 18pt) WCAG AA × Fail

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 45.6262, 0.3485, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

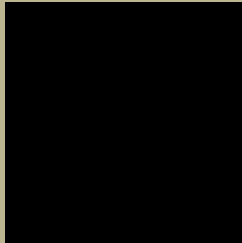
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

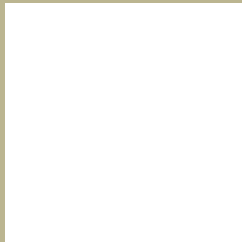
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6262, 0.3485, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 45.6262, 0.3485, 0.3782.



This preview shows how white text looks on a background with the Yxy color 45.6262, 0.3485, 0.3782.

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

45.6262, 0.3485, 0.3782

Protanopia

45.7021, 0.3534, 0.3776

Deuteranopia

45.5178, 0.3700, 0.3628



Tritanopia

45.6715, 0.3171, 0.3114

Trichromacy



Original Color

45.6262, 0.3485, 0.3782

Protanomaly

45.5728, 0.3524, 0.3778

Deuteranomaly

45.5125, 0.3623, 0.3687

Tritanomaly

45.5378, 0.3284, 0.3342

Monochromacy



Original Color

45.6262, 0.3485, 0.3782

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3408, 0.3258, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6262, 0.3485, 0.3782 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(187, 181, 144)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 144)  
}
```

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(187, 181, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 144) }
```

Border

The CSS property to change the border of an element to Yxy 45.6262, 0.3485, 0.3782 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(187, 181, 144) }
```

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

```
.border{ border-color:rgb(187, 181, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 181, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6262, 0.3485, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 144) }
```

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

```
.background{ background-color: rgb(187,  
181, 144) }
```

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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