

Converting Colors

$Yxy(45.0379, 0.3236, 0.3535)$

Have a look what the booklet for
Yxy(45.0379, 0.3236, 0.3535)
contains.

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Color

Yxy(45.0392, 0.3237, 0.3533)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B1B5A3 |
| RGB | 177, 181, 163 |
| RGB Percent | 69%, 71%, 64% |
| CMY | 0.3059, 0.2902, 0.3607 |
| CMYK | 0.02, 0.00, 0.10, 0.29 |
| HSL | 73°, 11%, 67% |
| HSV | 73°, 10%, 71% |
| XYZ | 41.2657, 45.0392, 41.1765 |
| YIQ | 177.7520, 3.3940, -6.4460 |

Conversions

Conversions Part 2

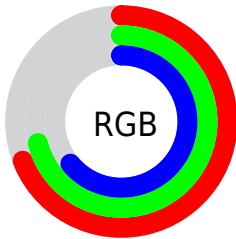
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 163, 181, 167 |
| Decimal | 11646371 |
| CIELab | 72.92, -4.66, 8.68 |
| CIELCh | 73, 9.848, 118.243 |
| Yxy | 45.0392, 0.3237, 0.3533 |
| Android (android.graphics.Color) | 4289836451 (0xFFB1B5A3) |
| YUV | 177.7520, -7.2727, -0.6595 |
| Hunter-Lab | 67.1113, -7.6876, 10.6001 |

Details

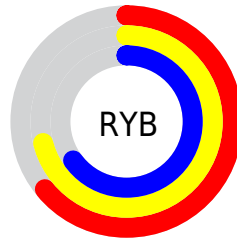
The Yxy color **45.0392, 0.3237, 0.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.7561, 0.3011, 0.3041**, and the grayscale version is **44.4216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9540, 0.3219, 0.3488**, and **20.8711, 0.3268, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **43.9706, 0.3349, 0.3790**, and if you desaturate by 10%, it is **46.2186, 0.3126, 0.3289**.

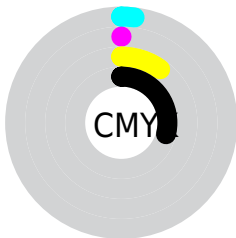
Distribution



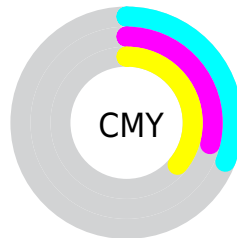
- Red (69%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (31%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0392, 0.3237, 0.3533 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 45.0392, 0.3237, 0.3533 by changing the saturation by 10% instead.


 45.0392, 0.3237,
0.3533

 45.0392, 0.3237,
0.3533


366.9323, 0.3182,
0.3410

 31.4883, 0.3251,
0.3564


 82.7792, 0.3217,
0.3488

 20.9710, 0.3268,
0.3605


 107.7372, 0.3210,
0.3471

 13.1028, 0.3291,
0.3660


137.2662, 0.3203,
0.3457

 7.4994, 0.3323,
0.3738

171.7508, 0.3198,
0.3444

 3.7763, 0.3370,
0.3858

211.5753, 0.3193,
0.3434

 1.5492, 0.3444,
0.4063

257.1241, 0.3189,

 0.3230, 0.3743,

0.3425

0.6257

308.7817, 0.3186,
0.3417

0.0000, 0.0000,
0.0000

45.0392, 0.3237,
0.3533

45.0392, 0.3237,
0.3533

43.9706, 0.3349,
0.3790

46.2186, 0.3126,
0.3289

43.0029, 0.3459,
0.4054

47.5068, 0.3020,
0.3060

42.1338, 0.3562,
0.4318

48.9094, 0.2919,
0.2849

41.3585, 0.3654,
0.4571

50.4297, 0.2824,
0.2656

40.6721, 0.3730,
0.4805

52.0710, 0.2736,
0.2481

■ 40.0687, 0.3785,
0.5006

■ 52.7193, 0.2755,
0.2474

■ 39.5421, 0.3815,
0.5167

■ 53.2874, 0.2785,
0.2480

■ 39.0847, 0.3820,
0.5283

■ 53.8703, 0.2814,
0.2487

■ 38.6811, 0.3804,
0.5361

■ 54.4682, 0.2844,
0.2494

Harmonies

Analogous

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



45.0392, 0.3349, 0.3515



45.0392, 0.3237, 0.3533



45.0392, 0.3098, 0.3482

Triad

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



45.0392, 0.3237, 0.3533



45.0392, 0.2861, 0.3135



45.0392, 0.3286, 0.3204

Complementary

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



45.0392, 0.3237, 0.3533



37.7561, 0.3011, 0.3041

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.



45.0392, 0.3152, 0.3108



45.0392, 0.3237, 0.3533



45.0392, 0.2908, 0.3067

Square

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



45.0392, 0.3237, 0.3533



45.0392, 0.2882, 0.3248



45.0392, 0.3014, 0.3058



45.0392, 0.3378, 0.3323

Rectangle

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



45.0392, 0.3237, 0.3533



45.0392, 0.3008, 0.3416



45.0392, 0.3014, 0.3058



45.0392, 0.3245, 0.3168

Sweetspot

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



45.0412, 0.3237, 0.3533



82.0936, 0.3161, 0.3363



40.0758, 0.3293, 0.3343



17.7064, 0.3169, 0.3382



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.



45.0412, 0.3237, 0.3533



80.2118, 0.3262, 0.3590



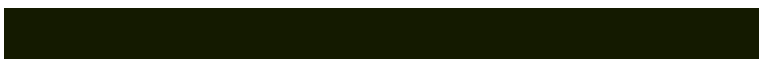
44.0325, 0.3159, 0.3539



9.8091, 0.3230, 0.3517



26.6941, 0.3809, 0.5358



0.8636, 0.3922, 0.5268

Inverse Universe

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



37.7561, 0.3011, 0.3041



64.4396, 0.2982, 0.2980



38.7566, 0.3091, 0.3047



8.3186, 0.3018, 0.3057



2.6425, 0.1629, 0.0671



0.1091, 0.1914, 0.0828

Previews

White Background



This preview shows how the Yxy color 45.0392, 0.3237, 0.3533 looks on a white background.

Color Contrast Check

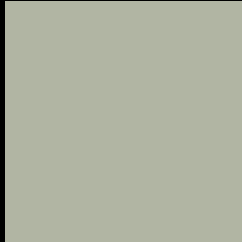
Large Text (above 18pt) WCAG AA × Fail

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 45.0392, 0.3237, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

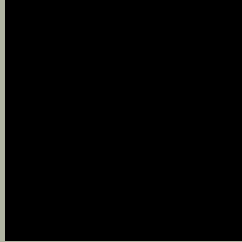
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

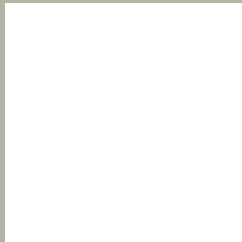
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0392, 0.3237, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 45.0392, 0.3237, 0.3533.



This preview shows how white text looks on a background with the Yxy color 45.0392, 0.3237, 0.3533.

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

45.0392, 0.3237, 0.3533

Protanopia

44.8885, 0.3331, 0.3502

Deuteranopia

45.0213, 0.3453, 0.3392



Tritanopia

45.0296, 0.3050, 0.3108

Trichromacy



Original Color

45.0392, 0.3237, 0.3533

Protanomaly

44.9161, 0.3302, 0.3517

Deuteranomaly

44.9375, 0.3372, 0.3447

Tritanomaly

44.8803, 0.3120, 0.3251

Monochromacy



Original Color

45.0392, 0.3237, 0.3533

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7223, 0.3167, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0392, 0.3237, 0.3533 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(177, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 163)  
}
```

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(177, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 163) }
```

Border

The CSS property to change the border of an element to Yxy 45.0392, 0.3237, 0.3533 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(177, 181, 163) }
```

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

```
.border{ border-color:rgb(177, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(177, 181,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0392, 0.3237, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 163) }
```

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

```
.background{ background-color: rgb(177,  
181, 163) }
```

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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