

Converting Colors

$Yxy(45.0989, 0.3153, 0.3381)$

Have a look what the booklet for
Yxy(45.0989, 0.3153, 0.3381)
contains.

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Color

Yxy(45.0068, 0.3157, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	B1B4AD
RGB	177, 180, 173
RGB Percent	69%, 71%, 68%
CMY	0.3060, 0.2940, 0.3216
CMYK	0.02, 0.00, 0.04, 0.29
HSL	86°, 4%, 69%
HSV	86°, 4%, 71%
XYZ	41.9877, 45.0068, 46.0043
YIQ	178.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

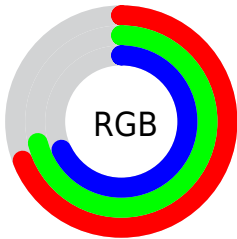
Format	Color
RYB	173, 180, 176
Decimal	11646125
CIELab	72.90, -2.37, 3.19
CIELCh	73, 3.979, 126.610
Yxy	45.0068, 0.3157, 0.3384
Android (android.graphics.Color)	4289836205 (0xFFB1B4AD)
YUV	178.3050, -2.6154, -1.1445
Hunter-Lab	67.0871, -5.6849, 6.3035

Details

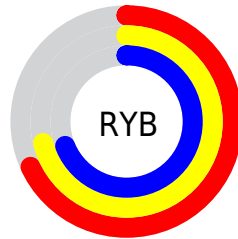
The Yxy color **45.0068, 0.3157, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4157, 0.3096, 0.3196**, and the grayscale version is **44.7024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9160, 0.3157, 0.3373**, and **20.8443, 0.3158, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **43.4645, 0.3234, 0.3639**, and if you desaturate by 10%, it is **46.6997, 0.3081, 0.3149**.

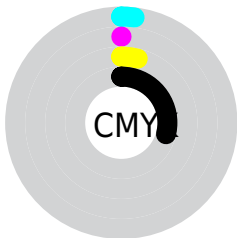
Distribution



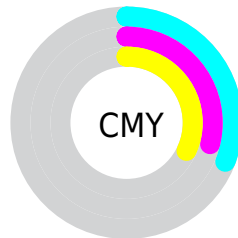
- Red (69%)
- Green (71%)
- Blue (68%)



- Red (68%)
- Yellow (71%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0068, 0.3157, 0.3384 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 45.0068, 0.3157, 0.3384 by changing the saturation by 10% instead.

■ 45.0068, 0.3157,
0.3384

■ 45.0068, 0.3157,
0.3384

366.8011, 0.3142,
0.3337

■ 31.4628, 0.3161,
0.3396

■ 82.7306, 0.3152,
0.3367

■ 20.9515, 0.3165,
0.3412

107.6792, 0.3150,
0.3360

■ 13.0886, 0.3172,
0.3432

137.1981, 0.3148,
0.3355

■ 7.4896, 0.3181,
0.3462

171.6717, 0.3146,
0.3350

■ 3.7701, 0.3194,
0.3507

211.4844, 0.3145,
0.3346

■ 1.5458, 0.3216,
0.3585

257.0206, 0.3144,

■ 0.3206, 0.3560,

0.3342

0.4625

308.6647, 0.3143,
0.3339

0.0000, 0.0000,
0.0000

45.0068, 0.3157,
0.3384

45.0068, 0.3157,
0.3384

43.4645, 0.3234,
0.3639

46.6997, 0.3081,
0.3149

42.0624, 0.3309,
0.3910

48.5417, 0.3008,
0.2936

40.7976, 0.3380,
0.4195

50.5391, 0.2938,
0.2743

39.6648, 0.3442,
0.4483

52.6957, 0.2873,
0.2570

38.6585, 0.3492,
0.4765

54.4894, 0.2864,
0.2488

■ 37.7726, 0.3523,
0.5027

■ 55.7125, 0.2923,
0.2501

■ 37.0003, 0.3534,
0.5256

■ 56.9933, 0.2982,
0.2515

■ 36.3341, 0.3522,
0.5440

■ 58.3326, 0.3043,
0.2529

■ 35.7649, 0.3487,
0.5572

■ 59.7310, 0.3103,
0.2543

Harmonies

Analogous

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



45.0068, 0.3206, 0.3385



45.0068, 0.3157, 0.3384



45.0068, 0.3100, 0.3357

Triad

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



45.0068, 0.3157, 0.3384



45.0068, 0.3021, 0.3218



45.0068, 0.3204, 0.3269

Complementary

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



45.0068, 0.3157, 0.3384



42.4157, 0.3096, 0.3196

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.



45.0068, 0.3154, 0.3225



45.0068, 0.3157, 0.3384



45.0068, 0.3048, 0.3196

Square

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



45.0068, 0.3157, 0.3384



45.0068, 0.3022, 0.3260



45.0068, 0.3097, 0.3198



45.0068, 0.3234, 0.3318

Rectangle

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



45.0068, 0.3157, 0.3384



45.0068, 0.3066, 0.3328



45.0068, 0.3097, 0.3198



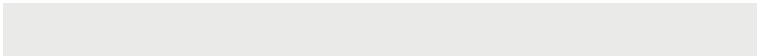
45.0068, 0.3189, 0.3253

Sweetspot

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



45.0087, 0.3157, 0.3384



82.4497, 0.3135, 0.3314



43.7870, 0.3187, 0.3331



17.8239, 0.3134, 0.3313



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.



45.0087, 0.3157, 0.3384



81.2480, 0.3166, 0.3413



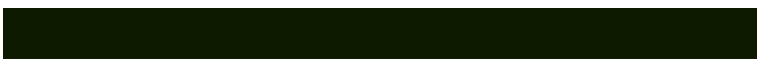
44.6032, 0.3127, 0.3385



9.8472, 0.3170, 0.3426



24.7801, 0.3468, 0.5629



0.8134, 0.3669, 0.5469

Inverse Universe

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



42.4157, 0.3096, 0.3196



75.1710, 0.3087, 0.3167



42.8291, 0.3127, 0.3197



9.0390, 0.3083, 0.3154



3.4790, 0.1918, 0.0830



0.1442, 0.2249, 0.1013

Previews

White Background



This preview shows how the Yxy color 45.0068, 0.3157, 0.3384 looks on a white background.

Color Contrast Check

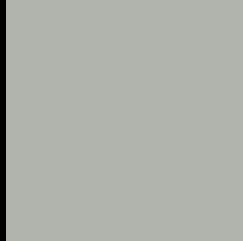
Large Text (above 18pt) WCAG AA × Fail

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 45.0068, 0.3157, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

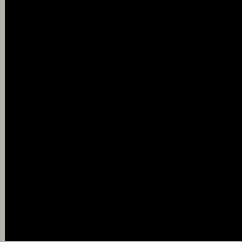
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

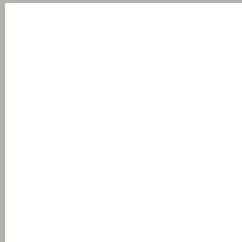
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0068, 0.3157, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 45.0068, 0.3157, 0.3384.



This preview shows how white text looks on a background with the Yxy color 45.0068, 0.3157, 0.3384.

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

45.0068, 0.3157, 0.3384

Protanopia

45.0097, 0.3229, 0.3369

Deuteranopia

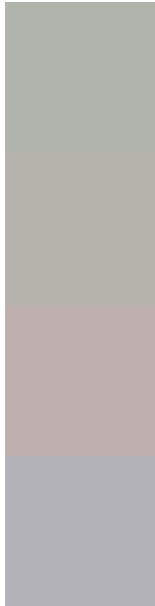
44.9489, 0.3345, 0.3278



Tritanopia

44.9092, 0.3041, 0.3108

Trichromacy



Original Color

45.0068, 0.3157, 0.3384

Protanomaly

45.0425, 0.3201, 0.3383

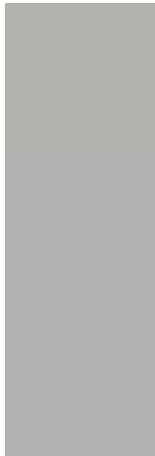
Deuteranomaly

45.0538, 0.3268, 0.3316

Tritanomaly

44.8852, 0.3088, 0.3211

Monochromacy



Original Color

45.0068, 0.3157, 0.3384

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.8398, 0.3143, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0068, 0.3157, 0.3384 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, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 173)  
}
```

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, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 173) }
```

Border

The CSS property to change the border of an element to Yxy 45.0068, 0.3157, 0.3384 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, 180, 173) }
```

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

```
.border{ border-color:rgb(177, 180, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(177, 180,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0068, 0.3157, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 173) }
```

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

```
.background{ background-color: rgb(177,  
180, 173) }
```

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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