

Converting Colors

$Yxy(45.2744, 0.3284, 0.3421)$

Have a look what the booklet for
Yxy(45.2744, 0.3284, 0.3421)
contains.

Yxy(45.2327, 0.3289, 0.3422)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.2327, 0.3289, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	BBB2A8
RGB	187, 178, 168
RGB Percent	73%, 70%, 66%
CMY	0.2668, 0.3019, 0.3413
CMYK	0.00, 0.05, 0.10, 0.27
HSL	32°, 12%, 70%
HSV	32°, 10%, 73%
XYZ	43.4747, 45.2327, 43.4747
YIQ	179.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

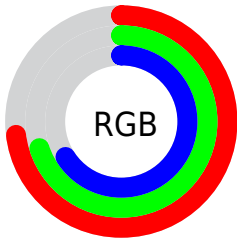
Format	Color
RYB	185, 187, 168
Decimal	12300968
CIELab	73.04, 1.43, 6.25
CIELCh	73, 6.414, 77.118
Yxy	45.2327, 0.3289, 0.3422
Android (android.graphics.Color)	4290491048 (0xFFBBB2A8)
YUV	179.5510, -5.6946, 6.5328
Hunter-Lab	67.2553, -2.3120, 8.7529

Details

The Yxy color **45.2327, 0.3289, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3275, 0.2972, 0.3154**, and the grayscale version is **45.4147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2280, 0.3258, 0.3403**, and **20.9965, 0.3341, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **41.1905, 0.3470, 0.3559**, and if you desaturate by 10%, it is **49.6046, 0.3130, 0.3292**.

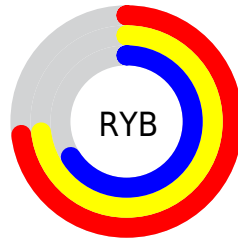
Distribution



Red (73%)

Green (70%)

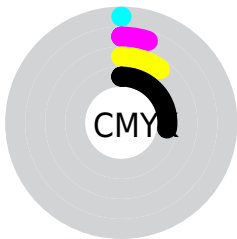
Blue (66%)



Red (73%)

Yellow (73%)

Blue (66%)

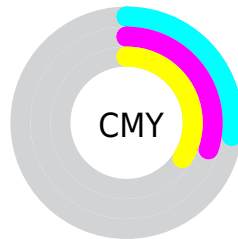


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (30%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2327, 0.3289, 0.3422 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 45.2327, 0.3289, 0.3422 by changing the saturation by 10% instead.

 45.2327, 0.3289,
0.3422


 45.2327, 0.3289,
0.3422


367.7152, 0.3208,
0.3356

 31.6408, 0.3310,
0.3439


 83.0695, 0.3259,
0.3398

 21.0873, 0.3336,
0.3460


 108.0831, 0.3248,
0.3389

 13.1878, 0.3372,
0.3488


137.6728, 0.3239,
0.3381

 7.5580, 0.3422,
0.3528

172.2229, 0.3231,
0.3375

 3.8134, 0.3497,
0.3587

212.1177, 0.3224,
0.3369

 1.5698, 0.3625,
0.3686

257.7418, 0.3218,

 0.3371, 0.5132,

0.3364

0.4868

309.4795, 0.3212,
0.3360

0.0000, 0.0000,
0.0000

45.2327, 0.3289,
0.3422

45.2327, 0.3289,
0.3422

41.1905, 0.3470,
0.3559

49.6046, 0.3130,
0.3292

37.4636, 0.3673,
0.3700

54.3082, 0.2990,
0.3170

34.0450, 0.3899,
0.3840

59.3534, 0.2867,
0.3058

30.9254, 0.4143,
0.3972

64.7476, 0.2760,
0.2954

28.0948, 0.4401,
0.4087

70.0747, 0.2701,
0.2926

■ 25.5423, 0.4662,
0.4172

■ 74.8837, 0.2711,
0.3026

■ 23.2563, 0.4912,
0.4215

■ 79.9412, 0.2720,
0.3124

■ 21.2236, 0.5135,
0.4207

■ 85.2509, 0.2730,
0.3220

■ 19.4490, 0.5325,
0.4154

■ 89.3011, 0.2736,
0.3289

Harmonies

Analogous

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



45.2327, 0.3305, 0.3361



45.2327, 0.3289, 0.3422



45.2327, 0.3229, 0.3448

Triad

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



45.2327, 0.3289, 0.3422



45.2327, 0.2984, 0.3295



45.2327, 0.3110, 0.3154

Complementary

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



45.2327, 0.3289, 0.3422



43.3275, 0.2972, 0.3154

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.



45.2327, 0.3025, 0.3136



45.2327, 0.3289, 0.3422



45.2327, 0.2953, 0.3215

Square

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



45.2327, 0.3289, 0.3422



45.2327, 0.3053, 0.3374



45.2327, 0.2968, 0.3157



45.2327, 0.3201, 0.3208

Rectangle

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



45.2327, 0.3289, 0.3422



45.2327, 0.3173, 0.3442



45.2327, 0.2968, 0.3157



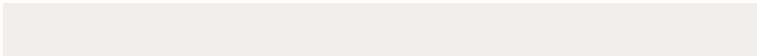
45.2327, 0.3079, 0.3144

Sweetspot

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



45.2347, 0.3289, 0.3422



86.5482, 0.3174, 0.3329



41.7395, 0.3223, 0.3170



18.9180, 0.3186, 0.3339



95.5105, 0.3127, 0.3290



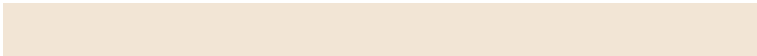
19.5994, 0.3127, 0.3290

Same Dimension

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



45.2347, 0.3289, 0.3422



79.5208, 0.3324, 0.3449



48.8758, 0.3273, 0.3537



10.3484, 0.3275, 0.3411



13.5507, 0.5307, 0.4168



0.6608, 0.4972, 0.4434

Inverse Universe

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



43.3275, 0.2972, 0.3154



75.4753, 0.2940, 0.3125



39.9418, 0.2973, 0.3031



9.9472, 0.2984, 0.3166



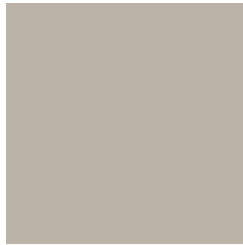
7.4430, 0.1751, 0.1504



0.4226, 0.1878, 0.1959

Previews

White Background



This preview shows how the Yxy color 45.2327, 0.3289, 0.3422 looks on a white background.

Color Contrast Check

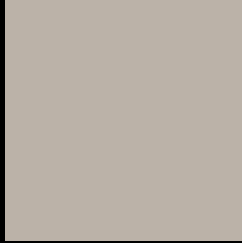
Large Text (above 18pt) WCAG AA × Fail

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 45.2327, 0.3289, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

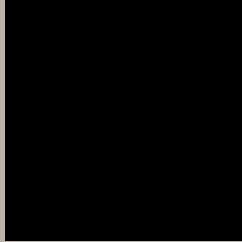
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

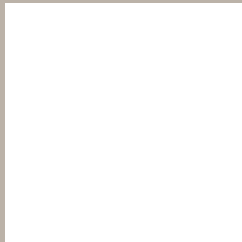
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2327, 0.3289, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 45.2327, 0.3289, 0.3422.



This preview shows how white text looks on a background with the Yxy color 45.2327, 0.3289, 0.3422.

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

45.2327, 0.3289, 0.3422

Protanopia

45.3816, 0.3270, 0.3435

Deuteranopia

45.0311, 0.3408, 0.3342



Tritanopia

45.2812, 0.3144, 0.3112

Trichromacy



Original Color

45.2327, 0.3289, 0.3422

Protanomaly

45.5065, 0.3279, 0.3435

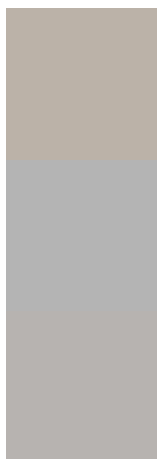
Deuteranomaly

45.1266, 0.3358, 0.3368

Tritanomaly

45.2057, 0.3201, 0.3226

Monochromacy



Original Color

45.2327, 0.3289, 0.3422

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4421, 0.3186, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2327, 0.3289, 0.3422 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, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 168)  
}
```

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, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.2327, 0.3289, 0.3422 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, 178, 168) }
```

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

```
.border{ border-color:rgb(187, 178, 168) }
```

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

Here you see how a box with a 4 pixel rgb(187, 178, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 178,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2327, 0.3289, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 178, 168) }
```

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

```
.background{ background-color: rgb(187,  
178, 168) }
```

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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