

Converting Colors

$Yxy(46.3237, 0.3333, 0.3464)$

Have a look what the booklet for
Yxy(46.3237, 0.3333, 0.3464)
contains.

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Color

Yxy(46.4721, 0.3339, 0.3472)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BFB4A6 |
| RGB | 191, 180, 166 |
| RGB Percent | 75%, 71%, 65% |
| CMY | 0.2509, 0.2941, 0.3491 |
| CMYK | 0.00, 0.06, 0.13, 0.25 |
| HSL | 34°, 16%, 70% |
| HSV | 34°, 13%, 75% |
| XYZ | 44.6919, 46.4721, 42.6842 |
| YIQ | 181.6930, 11.0500, -2.0220 |

Conversions

Conversions Part 2

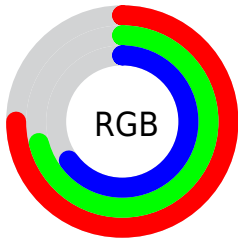
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 186, 191, 166 |
| Decimal | 12563622 |
| CIELab | 73.85, 1.52, 8.54 |
| CIELCh | 74, 8.675, 79.919 |
| Yxy | 46.4721, 0.3339, 0.3472 |
| Android (android.graphics.Color) | 4290753702 (0xFFBFB4A6) |
| YUV | 181.6930, -7.7366, 8.1622 |
| Hunter-Lab | 68.1704, -2.2753, 10.5955 |

Details

The Yxy color $46.4721, 0.3339, 0.3472$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.3132, 0.2925, 0.3101$, and the grayscale version is $46.6434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9855, 0.3297, 0.3442$, and $21.7120, 0.3396, 0.3521$ is the 20% darker color. If you saturate the color by 10%, you get $42.5324, 0.3524, 0.3619$, and if you desaturate by 10%, it is $50.7259, 0.3174, 0.3332$.

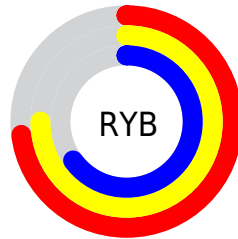
Distribution



Red (75%)

Green (71%)

Blue (65%)



Red (73%)

Yellow (75%)

Blue (65%)

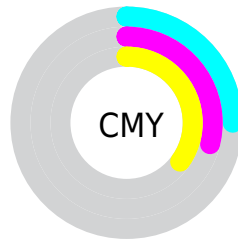


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4721, 0.3339, 0.3472 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 46.4721, 0.3339, 0.3472 by changing the saturation by 10% instead.

■ 46.4721, 0.3339,
0.3472

■ 46.4721, 0.3339,
0.3472

372.7034, 0.3233,
0.3381

■ 32.6185, 0.3366,
0.3495

■ 84.9251, 0.3300,
0.3439

■ 21.8344, 0.3400,
0.3523

■ 110.2933, 0.3286,
0.3427

■ 13.7352, 0.3445,
0.3562

140.2685, 0.3274,
0.3416

■ 7.9368, 0.3509,
0.3615

175.2351, 0.3263,
0.3407

■ 4.0545, 0.3605,
0.3694

215.5775, 0.3254,
0.3400

■ 1.7041, 0.3763,
0.3822

261.6801, 0.3246,

■ 0.4263, 0.5092,

0.3393

0.4908

313.9273, 0.3239,
0.3387

0.0000, 0.0000,
0.0000

46.4721, 0.3339,
0.3472

46.4721, 0.3339,
0.3472

42.5324, 0.3524,
0.3619

50.7259, 0.3174,
0.3332

38.8926, 0.3730,
0.3768

55.2954, 0.3029,
0.3200

35.5458, 0.3955,
0.3914

60.1902, 0.2901,
0.3078

32.4832, 0.4196,
0.4050

65.4176, 0.2789,
0.2965

29.6947, 0.4444,
0.4163

70.5589, 0.2725,
0.2928

■ 27.1699, 0.4689,
0.4243

■ 75.1374, 0.2733,
0.3022

■ 24.8969, 0.4917,
0.4278

■ 79.9417, 0.2742,
0.3115

■ 22.8623, 0.5114,
0.4261

■ 84.9749, 0.2750,
0.3206

■ 21.5837, 0.5235,
0.4225

■ 89.8185, 0.2757,
0.3289

Harmonies

Analogous

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



46.4721, 0.3367, 0.3393



46.4721, 0.3339, 0.3472



46.4721, 0.3254, 0.3503

Triad

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



46.4721, 0.3339, 0.3472



46.4721, 0.2929, 0.3285



46.4721, 0.3115, 0.3114

Complementary

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



46.4721, 0.3339, 0.3472



43.3132, 0.2925, 0.3101

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.



46.4721, 0.2999, 0.3084



46.4721, 0.3339, 0.3472



46.4721, 0.2893, 0.3180

Square

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



46.4721, 0.3339, 0.3472



46.4721, 0.3017, 0.3394



46.4721, 0.2919, 0.3107



46.4721, 0.3236, 0.3189

Rectangle

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



46.4721, 0.3339, 0.3472



46.4721, 0.3177, 0.3491



46.4721, 0.2919, 0.3107



46.4721, 0.3074, 0.3099

Sweetspot

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



46.4742, 0.3339, 0.3472



90.0776, 0.3189, 0.3345



41.5306, 0.3262, 0.3144



19.6493, 0.3201, 0.3355



97.7402, 0.3127, 0.3290



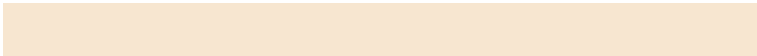
20.4902, 0.3127, 0.3290

Same Dimension

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



46.4742, 0.3339, 0.3472



80.9371, 0.3395, 0.3518



50.9382, 0.3310, 0.3611



10.3985, 0.3275, 0.3418



14.3446, 0.5217, 0.4239



0.6902, 0.4909, 0.4484

Inverse Universe

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



43.3132, 0.2925, 0.3101



74.0680, 0.2874, 0.3051



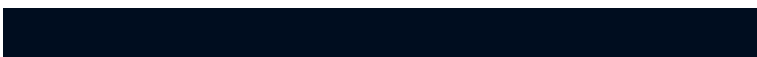
39.2717, 0.2932, 0.2950



9.8977, 0.2984, 0.3158



6.7999, 0.1724, 0.1405



0.3968, 0.1855, 0.1877

Previews

White Background



This preview shows how the Yxy color 46.4721, 0.3339, 0.3472 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 46.4721, 0.3339, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

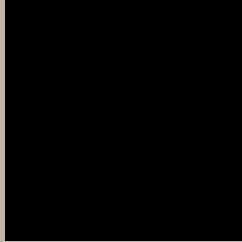
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4721, 0.3339, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 46.4721, 0.3339, 0.3472.



This preview shows how white text looks on a background with the Yxy color 46.4721, 0.3339, 0.3472.

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

46.4721, 0.3339, 0.3472

Protanopia

46.4923, 0.3310, 0.3486

Deuteranopia

46.2873, 0.3458, 0.3391



Tritanopia

46.2377, 0.3170, 0.3114

Trichromacy



Original Color

46.4721, 0.3339, 0.3472

Protanomaly

46.6197, 0.3319, 0.3486

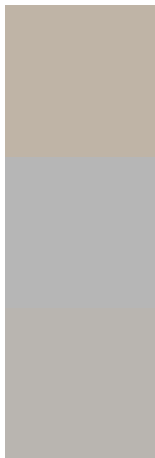
Deuteranomaly

46.3764, 0.3408, 0.3418

Tritanomaly

46.1179, 0.3235, 0.3239

Monochromacy



Original Color

46.4721, 0.3339, 0.3472

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4966, 0.3202, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4721, 0.3339, 0.3472 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(191, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 180, 166)  
}
```

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(191, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 180, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.4721, 0.3339, 0.3472 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(191, 180, 166) }
```

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

```
.border{ border-color:rgb(191, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 180, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 180, 166); box-shadow:4px 4px 4px 4px rgb(191, 180, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4721, 0.3339, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 180, 166) }
```

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

```
.background{ background-color: rgb(191,  
180, 166) }
```

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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