

Converting Colors

$Yxy(46.0862, 0.3280, 0.3327)$

Have a look what the booklet for
Yxy(46.0862, 0.3280, 0.3327)
contains.

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Color

Yxy(46.1424, 0.3275, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	C0B2AF
RGB	192, 178, 175
RGB Percent	75%, 70%, 69%
CMY	0.2471, 0.3019, 0.3137
CMYK	0.00, 0.07, 0.09, 0.25
HSL	11°, 12%, 72%
HSV	11°, 9%, 75%
XYZ	45.3939, 46.1424, 47.0711
YIQ	181.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

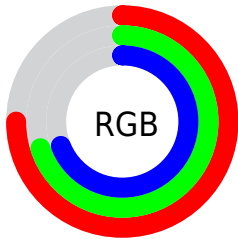
Format	Color
RYB	192, 179, 175
Decimal	12628655
CIELab	73.64, 4.46, 3.32
CIElCh	74, 5.562, 36.666
Yxy	46.1424, 0.3275, 0.3329
Android (android.graphics.Color)	4290818735 (0xFFC0B2AF)
YUV	181.8440, -3.3741, 8.9068
Hunter-Lab	67.9282, 0.4107, 6.4645

Details

The Yxy color **46.1424, 0.3275, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3055, 0.2992, 0.3251**, and the grayscale version is **46.7049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5153, 0.3248, 0.3330**, and **21.5006, 0.3308, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **39.5133, 0.3476, 0.3376**, and if you desaturate by 10%, it is **53.6069, 0.3110, 0.3285**.

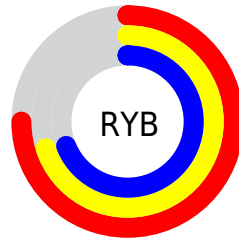
Distribution



Red (75%)

Green (70%)

Blue (69%)



Red (75%)

Yellow (70%)

Blue (69%)

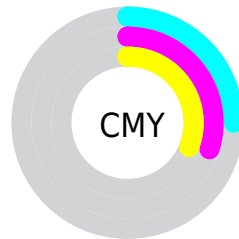


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1424, 0.3275, 0.3329 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 46.1424, 0.3275, 0.3329 by changing the saturation by 10% instead.


 46.1424, 0.3275,
0.3329

 46.1424, 0.3275,
0.3329


371.3808, 0.3201,
0.3310

 32.3582, 0.3294,
0.3334


 84.4321, 0.3248,
0.3322

 21.6352, 0.3318,
0.3340

109.7063, 0.3238,
0.3320

 13.5891, 0.3350,
0.3347


139.5794, 0.3229,
0.3317

 7.8355, 0.3395,
0.3358

174.4357, 0.3222,
0.3315

 3.9898, 0.3464,
0.3373

214.6596, 0.3216,
0.3314

 1.6679, 0.3579,
0.3397

260.6355, 0.3210,

 0.4027, 0.4467,

0.3312

0.3659

312.7478, 0.3205,
0.3311

0.0000, 0.0000,
0.0000

46.1424, 0.3275,
0.3329

46.1424, 0.3275,
0.3329

39.5133, 0.3476,
0.3376

53.6069, 0.3110,
0.3285

33.6845, 0.3718,
0.3425

61.9283, 0.2973,
0.3245

28.6276, 0.4009,
0.3474

71.1348, 0.2860,
0.3208

24.3097, 0.4351,
0.3519

81.2516, 0.2766,
0.3175

20.6961, 0.4740,
0.3553

89.9448, 0.2762,
0.3289

■ 17.7488, 0.5159,
0.3569

■ 15.4264, 0.5573,
0.3558

■ 13.6827, 0.5931,
0.3515

■ 12.4606, 0.6194,
0.3450

Harmonies

Analogous

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



46.1424, 0.3234, 0.3260



46.1424, 0.3275, 0.3329



46.1424, 0.3276, 0.3388

Triad

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



46.1424, 0.3275, 0.3329



46.1424, 0.3089, 0.3383



46.1424, 0.3018, 0.3159

Complementary

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



46.1424, 0.3275, 0.3329



49.3055, 0.2992, 0.3251

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.



46.1424, 0.2981, 0.3190



46.1424, 0.3275, 0.3329



46.1424, 0.3021, 0.3319

Square

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



46.1424, 0.3275, 0.3329



46.1424, 0.3168, 0.3421



46.1424, 0.2982, 0.3248



46.1424, 0.3085, 0.3163

Rectangle

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



46.1424, 0.3275, 0.3329



46.1424, 0.3254, 0.3415



46.1424, 0.2982, 0.3248



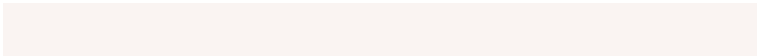
46.1424, 0.3002, 0.3166

Sweetspot

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



46.1444, 0.3275, 0.3329



91.2800, 0.3175, 0.3303



45.5460, 0.3160, 0.3111



19.3463, 0.3189, 0.3307



97.7402, 0.3127, 0.3290



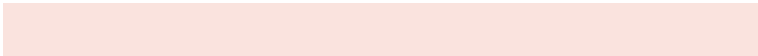
20.4902, 0.3127, 0.3290

Same Dimension

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



46.1444, 0.3275, 0.3329



80.6926, 0.3318, 0.3340



49.5550, 0.3264, 0.3434



10.3599, 0.3285, 0.3331



8.3928, 0.6202, 0.3458



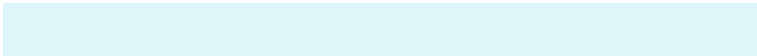
0.4533, 0.5799, 0.3778

Inverse Universe

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



49.3055, 0.2992, 0.3251



87.8145, 0.2957, 0.3240



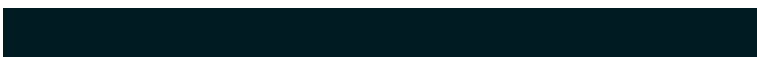
45.8302, 0.2992, 0.3142



11.1152, 0.2984, 0.3248



19.1175, 0.2089, 0.2721



0.9074, 0.2128, 0.2861

Previews

White Background



This preview shows how the Yxy color 46.1424, 0.3275, 0.3329 looks on a white background.

Color Contrast Check

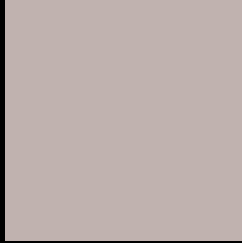
Large Text (above 18pt) WCAG AA × Fail

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 46.1424, 0.3275, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

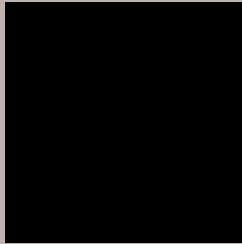
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

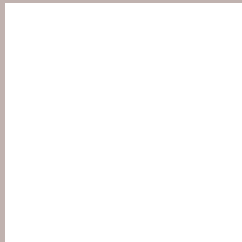
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1424, 0.3275, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 46.1424, 0.3275, 0.3329.



This preview shows how white text looks on a background with the Yxy color 46.1424, 0.3275, 0.3329.

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

46.1424, 0.3275, 0.3329

Protanopia

46.0914, 0.3203, 0.3342

Deuteranopia

46.0739, 0.3343, 0.3278



Tritanopia

46.2377, 0.3170, 0.3114

Trichromacy



Original Color

46.1424, 0.3275, 0.3329

Protanomaly

46.0662, 0.3230, 0.3329

Deuteranomaly

46.0556, 0.3314, 0.3291

Tritanomaly

46.2845, 0.3202, 0.3189

Monochromacy



Original Color

46.1424, 0.3275, 0.3329

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7415, 0.3186, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1424, 0.3275, 0.3329 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(192, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 175)  
}
```

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(192, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 175) }
```

Border

The CSS property to change the border of an element to Yxy 46.1424, 0.3275, 0.3329 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(192, 178, 175) }
```

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

```
.border{ border-color:rgb(192, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1424, 0.3275, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 175) }
```

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

```
.background{ background-color: rgb(192,  
178, 175) }
```

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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