

Converting Colors

$Y_{xy}(32.4220, 0.4307, 0.3632)$

Have a look what the booklet for
Yxy(32.4220, 0.4307, 0.3632)
contains.

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Color

Yxy(32.4077, 0.4312, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	D4876C
RGB	212, 135, 108
RGB Percent	83%, 53%, 42%
CMY	0.1685, 0.4706, 0.5764
CMYK	0.00, 0.36, 0.49, 0.17
HSL	16°, 55%, 63%
HSV	16°, 49%, 83%
XYZ	38.5283, 32.4077, 18.4153
YIQ	154.9450, 54.5590, 7.9270

Conversions

Conversions Part 2

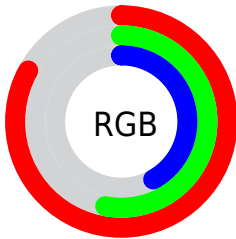
Format	Color
R _Y B	212, 144, 108
Decimal	13928300
CIE Lab	63.68, 26.60, 26.77
CIE LCh	64, 37.741, 45.186
Yxy	32.4077, 0.4312, 0.3627
Android (android.graphics.Color)	4292118380 (0xFFD4876C)
YUV	154.9450, -23.1439, 50.0372
Hunter-Lab	56.9278, 21.1838, 20.6700

Details

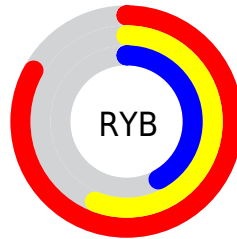
The Yxy color **32.4077, 0.4312, 0.3627** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.6618, 0.2414, 0.2907**, and the grayscale version is **32.8402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1933, 0.3930, 0.3596**, and **13.5369, 0.4701, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **27.9482, 0.4674, 0.3680**, and if you desaturate by 10%, it is **37.6266, 0.3989, 0.3561**.

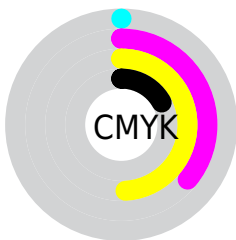
Distribution



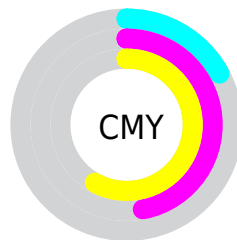
- Red (83%)
- Green (53%)
- Blue (42%)



- Red (83%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (17%)





- Cyan (17%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4077, 0.4312, 0.3627 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 32.4077, 0.4312, 0.3627 by changing the saturation by 10% instead.


 32.4077, 0.4312,
0.3627


 32.4077, 0.4312,
0.3627


312.9723, 0.3681,
0.3479


 21.6731, 0.4479,
0.3654


 63.4497, 0.4075,
0.3580


 13.6169, 0.4698,
0.3680


 84.5259, 0.3988,
0.3560

 7.8547, 0.4994,
0.3698


 109.8180, 0.3915,
0.3543

 4.0021, 0.5407,
0.3687

 139.7105, 0.3854,
0.3527

 1.6747, 0.6262,
0.3738

174.5878, 0.3801,
0.3513

 0.4072, 0.7209,
0.2791

214.8343, 0.3756,

 0.0000, 0.0000,

0.3500

0.0000

260.8343, 0.3716,
0.3489

■ 32.4077, 0.4312,
0.3627

■ 32.4077, 0.4312,
0.3627

■ 27.9482, 0.4674,
0.3680

■ 37.6266, 0.3989,
0.3561

■ 24.2068, 0.5062,
0.3709

■ 43.6336, 0.3711,
0.3489

■ 21.1458, 0.5446,
0.3702

■ 50.4621, 0.3476,
0.3418


■ 18.7214, 0.5786,
0.3654

■ 58.1419, 0.3278,
0.3349

■ 16.8799, 0.6049,
0.3569

■ 66.7014, 0.3113,
0.3284

 16.7327, 0.6071,
0.3561

 76.1675, 0.2975,
0.3225

 86.4736, 0.2867,
0.3185

 92.7409, 0.2872,
0.3289

Harmonies

Analogous

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



32.4077, 0.4075, 0.3168



32.4077, 0.4312, 0.3627



32.4077, 0.4192, 0.4058

Triad

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



32.4077, 0.4312, 0.3627



32.4077, 0.2657, 0.3916



32.4077, 0.2441, 0.2359

Complementary

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



32.4077, 0.4312, 0.3627



42.6618, 0.2414, 0.2907

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.



32.4077, 0.2139, 0.2451



32.4077, 0.4312, 0.3627



32.4077, 0.2248, 0.3311

Square

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



32.4077, 0.4312, 0.3627



32.4077, 0.3217, 0.4318



32.4077, 0.2071, 0.2775



32.4077, 0.2945, 0.2474

Rectangle

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



32.4077, 0.4312, 0.3627



32.4077, 0.3942, 0.4274



32.4077, 0.2071, 0.2775



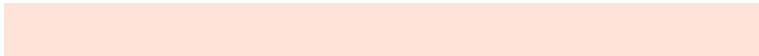
32.4077, 0.2315, 0.2365

Sweetspot

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



32.4093, 0.4312, 0.3627



81.0151, 0.3394, 0.3390



28.2749, 0.3466, 0.2368



16.8218, 0.3438, 0.3405



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.4093, 0.4312, 0.3627



42.0879, 0.4696, 0.3682



50.2113, 0.3985, 0.4219



12.9393, 0.3285, 0.3351



10.4659, 0.6047, 0.3581



0.7662, 0.5702, 0.3854

Inverse Universe

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



42.6618, 0.2414, 0.2907



59.2964, 0.2291, 0.2808



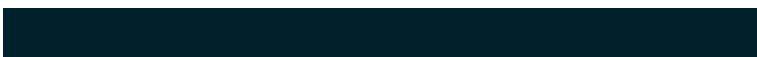
24.9984, 0.2267, 0.2131



13.5373, 0.2982, 0.3228



17.9939, 0.2009, 0.2432



1.2158, 0.2055, 0.2597

Previews

White Background



This preview shows how the Yxy color 32.4077, 0.4312, 0.3627 looks on a white background.

Color Contrast Check

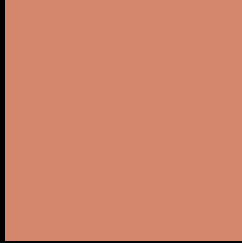
Large Text (above 18pt) WCAG AA × Fail

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 32.4077, 0.4312, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

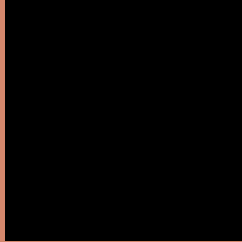
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4077, 0.4312, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 32.4077, 0.4312, 0.3627.



This preview shows how white text looks on a background with the Yxy color 32.4077, 0.4312, 0.3627.

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

32.4077, 0.4312, 0.3627

Protanopia

32.4791, 0.3619, 0.3862

Deuteranopia

32.5347, 0.3957, 0.3878



Tritanopia

32.5731, 0.3992, 0.3181

Trichromacy



Original Color

32.4077, 0.4312, 0.3627

Protanomaly

32.1270, 0.3868, 0.3773

Deuteranomaly

32.3086, 0.4087, 0.3775

Tritanomaly

32.3572, 0.4120, 0.3343

Monochromacy



Original Color

32.4077, 0.4312, 0.3627

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2449, 0.3525, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4077, 0.4312, 0.3627 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(212, 135, 108)` looks like.

```
.text, #text, p{  
    color:rgb(212, 135, 108)  
}
```

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(212, 135, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 135, 108) }
```

Border

The CSS property to change the border of an element to Yxy 32.4077, 0.4312, 0.3627 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(212, 135, 108) }
```

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

```
.border{ border-color:rgb(212, 135, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 135, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 135, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 135, 108);  
box-shadow:4px 4px 4px 4px rgb(212, 135,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4077, 0.4312, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 135, 108) }
```

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

```
.background{ background-color: rgb(212,  
135, 108) }
```

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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