

Converting Colors

$Yxy(46.0732, 0.3828, 0.3468)$

Have a look what the booklet for
Yxy(46.0732, 0.3828, 0.3468)
contains.

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Color

Yxy(46.0732, 0.3828, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	E2A798
RGB	226, 167, 152
RGB Percent	89%, 65%, 60%
CMY	0.1136, 0.3451, 0.4039
CMYK	0.00, 0.26, 0.33, 0.11
HSL	12°, 56%, 74%
HSV	12°, 33%, 89%
XYZ	50.8559, 46.0732, 35.9233
YIQ	182.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

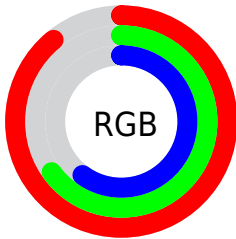
Format	Color
R _Y B	226, 171, 152
Decimal	14854040
CIE Lab	73.59, 19.74, 16.27
CIE LCh	74, 25.583, 39.500
Yxy	46.0732, 0.3828, 0.3468
Android (android.graphics.Color)	4293044120 (0xFFE2A798)
YUV	182.9310, -15.2490, 37.7715
Hunter-Lab	67.8772, 14.9530, 16.1355

Details

The Yxy color **46.0732, 0.3828, 0.3468** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7763, 0.2639, 0.3103**, and the grayscale version is **47.3849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9588, 0.3477, 0.3453**, and **21.6361, 0.4029, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **39.2532, 0.4138, 0.3523**, and if you desaturate by 10%, it is **53.9593, 0.3567, 0.3411**.

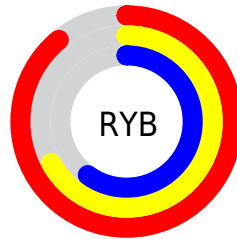
Distribution



Red (89%)

Green (65%)

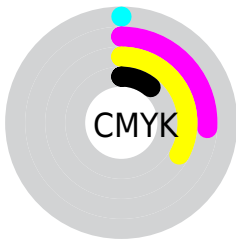
Blue (60%)



Red (89%)

Yellow (67%)

Blue (60%)

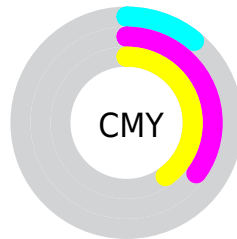


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0732, 0.3828, 0.3468 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 46.0732, 0.3828, 0.3468 by changing the saturation by 10% instead.


 46.0732, 0.3828,
0.3468


 46.0732, 0.3828,
0.3468


371.1029, 0.3473,
0.3389

 32.3036, 0.3917,
0.3485


 84.3285, 0.3698,
0.3441

 21.5935, 0.4032,
0.3504


 109.5831, 0.3650,
0.3431

 13.5585, 0.4185,
0.3526


139.4347, 0.3609,
0.3422

 7.8143, 0.4398,
0.3550

174.2677, 0.3574,
0.3413

 3.9763, 0.4712,
0.3570

214.4667, 0.3544,
0.3406

 1.6603, 0.5293,
0.3616

260.4160, 0.3517,

 0.3978, 0.6838,

0.3400

0.3162

312.4999, 0.3494,
0.3394

0.0000, 0.0000,
0.0000

46.0732, 0.3828,
0.3468

46.0732, 0.3828,
0.3468

39.2532, 0.4138,
0.3523

53.9593, 0.3567,
0.3411

33.4469, 0.4497,
0.3571

62.9480, 0.3350,
0.3356

28.6071, 0.4897,
0.3604

73.0822, 0.3171,
0.3304

24.6803, 0.5313,
0.3611

84.4005, 0.3022,
0.3255

21.6074, 0.5705,
0.3585

94.9122, 0.2952,
0.3289

■ 19.3220, 0.6022,
0.3523

■ 18.1073, 0.6191,
0.3466

Harmonies

Analogous

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



46.0732, 0.3647, 0.3173



46.0732, 0.3828, 0.3468



46.0732, 0.3807, 0.3739

Triad

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



46.0732, 0.3828, 0.3468



46.0732, 0.2911, 0.3711



46.0732, 0.2657, 0.2705

Complementary

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



46.0732, 0.3828, 0.3468



58.7763, 0.2639, 0.3103

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.



46.0732, 0.2485, 0.2806



46.0732, 0.3828, 0.3468



46.0732, 0.2625, 0.3382

Square

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



46.0732, 0.3828, 0.3468



46.0732, 0.3266, 0.3910



46.0732, 0.2474, 0.3046



46.0732, 0.2957, 0.2749

Rectangle

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



46.0732, 0.3828, 0.3468



46.0732, 0.3684, 0.3869



46.0732, 0.2474, 0.3046



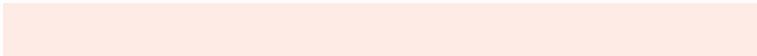
46.0732, 0.2583, 0.2722

Sweetspot

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



46.0754, 0.3828, 0.3468



86.1686, 0.3299, 0.3341



43.3469, 0.3296, 0.2627



18.0542, 0.3325, 0.3349



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.



46.0754, 0.3828, 0.3468



54.5717, 0.4024, 0.3504



61.5391, 0.3693, 0.3879



14.1477, 0.3287, 0.3338



10.4632, 0.6167, 0.3485



0.8523, 0.5874, 0.3718

Inverse Universe

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



58.7763, 0.2639, 0.3103



73.5834, 0.2551, 0.3060



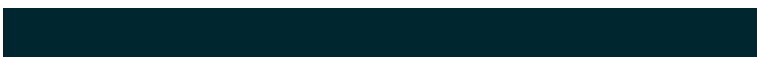
42.5241, 0.2578, 0.2619



15.0763, 0.2982, 0.3241



21.9852, 0.2064, 0.2629



1.6447, 0.2095, 0.2742

Previews

White Background



This preview shows how the Yxy color 46.0732, 0.3828, 0.3468 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 46.0732, 0.3828, 0.3468 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 46.0732, 0.3828, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 46.0732, 0.3828, 0.3468.



This preview shows how white text looks on a background with the Yxy color 46.0732, 0.3828, 0.3468.

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

46.0732, 0.3828, 0.3468

Protanopia

46.4981, 0.3387, 0.3578

Deuteranopia

46.0618, 0.3651, 0.3577



Tritanopia

45.8230, 0.3628, 0.3141

Trichromacy



Original Color

46.0732, 0.3828, 0.3468

Protanomaly

46.1475, 0.3544, 0.3544

Deuteranomaly

45.8073, 0.3718, 0.3536

Tritanomaly

45.6718, 0.3703, 0.3257

Monochromacy



Original Color

46.0732, 0.3828, 0.3468

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.5650, 0.3365, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0732, 0.3828, 0.3468 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(226, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(226, 167, 152)  
}
```

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(226, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 167, 152) }
```

Border

The CSS property to change the border of an element to Yxy 46.0732, 0.3828, 0.3468 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(226, 167, 152) }
```

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

```
.border{ border-color:rgb(226, 167, 152) }
```

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

Here you see how a box with a 4 pixel rgb(226, 167, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(226, 167,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0732, 0.3828, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 167, 152) }
```

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

```
.background{ background-color: rgb(226,  
167, 152) }
```

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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