

Converting Colors

$Yxy(46.2185, 0.3512, 0.3328)$

Have a look what the booklet for
Yxy(46.2185, 0.3512, 0.3328)
contains.

Yxy(46.2185, 0.3512, 0.3328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.2185, 0.3512, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	D3ACA9
RGB	211, 172, 169
RGB Percent	83%, 67%, 66%
CMY	0.1726, 0.3254, 0.3373
CMYK	0.00, 0.18, 0.20, 0.17
HSL	4°, 32%, 75%
HSV	4°, 20%, 83%
XYZ	48.7738, 46.2185, 43.8854
YIQ	183.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

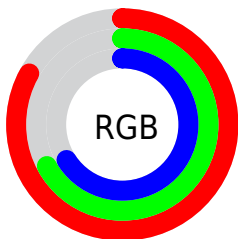
Format	Color
R _Y B	211, 172, 169
Decimal	13872297
CIE Lab	73.69, 13.72, 6.90
CIE LCh	74, 15.355, 26.695
Yxy	46.2185, 0.3512, 0.3328
Android (android.graphics.Color)	4292062377 (0xFFD3ACA9)
YUV	183.3190, -7.0593, 24.2762
Hunter-Lab	67.9842, 9.0888, 9.3159

Details

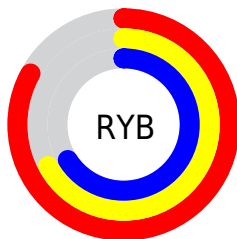
The Yxy color $46.2185, 0.3512, 0.3328$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.2336, 0.2829, 0.3252$, and the grayscale version is $47.5680, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5800, 0.3344, 0.3321$, and $21.7852, 0.3625, 0.3341$ is the 20% darker color. If you saturate the color by 10%, you get $38.5771, 0.3776, 0.3349$, and if you desaturate by 10%, it is $55.0904, 0.3298, 0.3308$.

Distribution



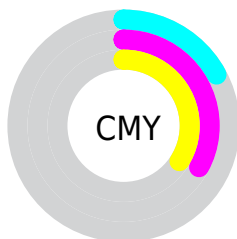
- Red (83%)
- Green (67%)
- Blue (66%)



- Red (83%)
- Yellow (67%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2185, 0.3512, 0.3328 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 46.2185, 0.3512, 0.3328 by changing the saturation by 10% instead.

 46.2185, 0.3512,
0.3328

 46.2185, 0.3512,
0.3328


371.6864, 0.3318,
0.3312

 32.4183, 0.3561,
0.3331


 84.5459, 0.3441,
0.3323

 21.6812, 0.3624,
0.3335

109.8419, 0.3415,
0.3321

 13.6228, 0.3709,
0.3339


139.7386, 0.3392,
0.3319

 7.8588, 0.3828,
0.3343

174.6203, 0.3373,
0.3317

 4.0047, 0.4007,
0.3345

214.8716, 0.3356,
0.3315

 1.6762, 0.4307,
0.3338

260.8768, 0.3342,

 0.4082, 0.6391,

0.3314

0.3609

313.0203, 0.3329,
0.3313

0.0000, 0.0000,
0.0000

46.2185, 0.3512,
0.3328

46.2185, 0.3512,
0.3328

38.5771, 0.3776,
0.3349

55.0904, 0.3298,
0.3308

32.1061, 0.4097,
0.3369

65.2373, 0.3126,
0.3290

26.7493, 0.4479,
0.3387

76.7089, 0.2986,
0.3273

22.4441, 0.4915,
0.3399

89.5505, 0.2872,
0.3258

19.1209, 0.5376,
0.3401

92.5863, 0.2866,
0.3289

■ 16.7024, 0.5810,
0.3390

■ 15.0993, 0.6149,
0.3364

■ 14.1981, 0.6353,
0.3336

■ 14.1920, 0.6355,
0.3336

Harmonies

Analogous

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



46.2185, 0.3363, 0.3149



46.2185, 0.3512, 0.3328



46.2185, 0.3553, 0.3504

Triad

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



46.2185, 0.3512, 0.3328



46.2185, 0.3091, 0.3598



46.2185, 0.2785, 0.2950

Complementary

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



46.2185, 0.3512, 0.3328



58.2336, 0.2829, 0.3252

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.



46.2185, 0.2718, 0.3056



46.2185, 0.3512, 0.3328



46.2185, 0.2891, 0.3434

Square

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



46.2185, 0.3512, 0.3328



46.2185, 0.3305, 0.3670



46.2185, 0.2756, 0.3232



46.2185, 0.2941, 0.2935

Rectangle

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



46.2185, 0.3512, 0.3328



46.2185, 0.3514, 0.3598



46.2185, 0.2756, 0.3232



46.2185, 0.2751, 0.2976

Sweetspot

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



46.2206, 0.3512, 0.3328



90.3247, 0.3228, 0.3301



46.7849, 0.3173, 0.2830



19.1173, 0.3239, 0.3302



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.



46.2206, 0.3512, 0.3328



65.6225, 0.3620, 0.3337



54.7577, 0.3464, 0.3576



11.9425, 0.3289, 0.3307



8.6227, 0.6342, 0.3346



0.5309, 0.6164, 0.3488

Inverse Universe

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



58.2336, 0.2829, 0.3252



87.4120, 0.2768, 0.3243



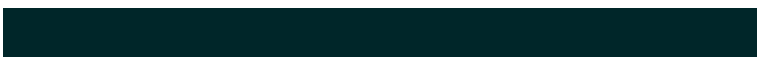
48.7592, 0.2813, 0.2986



13.2557, 0.2983, 0.3273



26.6889, 0.2185, 0.3066



1.5367, 0.2197, 0.3110

Previews

White Background



This preview shows how the Yxy color 46.2185, 0.3512, 0.3328 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 46.2185, 0.3512, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

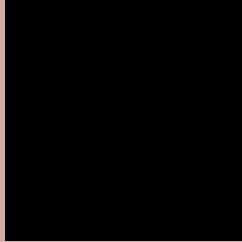
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2185, 0.3512, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 46.2185, 0.3512, 0.3328.



This preview shows how white text looks on a background with the Yxy color 46.2185, 0.3512, 0.3328.

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

46.2185, 0.3512, 0.3328

Protanopia

46.5428, 0.3227, 0.3381

Deuteranopia

46.3245, 0.3450, 0.3378



Tritanopia

46.3145, 0.3408, 0.3134

Trichromacy



Original Color

46.2185, 0.3512, 0.3328

Protanomaly

46.4214, 0.3327, 0.3367

Deuteranomaly

46.3647, 0.3479, 0.3365

Tritanomaly

46.3372, 0.3442, 0.3206

Monochromacy



Original Color

46.2185, 0.3512, 0.3328

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7920, 0.3258, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2185, 0.3512, 0.3328 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(211, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 169)  
}
```

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(211, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.2185, 0.3512, 0.3328 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(211, 172, 169) }
```

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

```
.border{ border-color:rgb(211, 172, 169) }
```

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

Here you see how a box with a 4 pixel rgb(211, 172, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 169);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2185, 0.3512, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 169) }
```

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

```
.background{ background-color: rgb(211,  
172, 169) }
```

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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