

Converting Colors

$Yxy(46.5423, 0.3522, 0.3291)$

Have a look what the booklet for
Yxy(46.5423, 0.3522, 0.3291)
contains.

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Color

Yxy(46.3622, 0.3524, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	D6ABAB
RGB	214, 171, 171
RGB Percent	84%, 67%, 67%
CMY	0.1608, 0.3294, 0.3293
CMYK	0.00, 0.20, 0.20, 0.16
HSL	360°, 34%, 75%
HSV	360°, 20%, 84%
XYZ	49.6446, 46.3622, 44.8689
YIQ	183.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

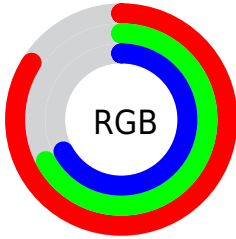
Format	Color
RYB	214, 171, 171
Decimal	14068651
CIELab	73.78, 15.69, 5.96
CIELCh	74, 16.781, 20.813
Yxy	46.3622, 0.3524, 0.3291
Android (android.graphics.Color)	4292258731 (0xFFD6ABAB)
YUV	183.8570, -6.3385, 26.4354
Hunter-Lab	68.0898, 10.9881, 8.5927

Details

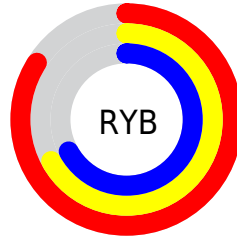
The Yxy color **46.3622, 0.3524, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6018, 0.2829, 0.3289**, and the grayscale version is **47.8761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1437, 0.3332, 0.3291**, and **21.8965, 0.3642, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **38.1726, 0.3798, 0.3292**, and if you desaturate by 10%, it is **55.9968, 0.3304, 0.3290**.

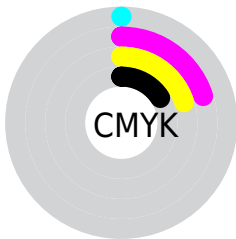
Distribution



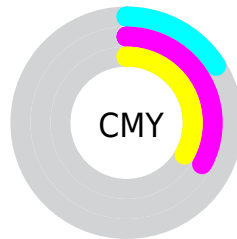
- Red (84%)
- Green (67%)
- Blue (67%)



- Red (84%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (16%)




- Cyan (16%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3622, 0.3524, 0.3291 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 46.3622, 0.3524, 0.3291 by changing the saturation by 10% instead.


 46.3622, 0.3524,
0.3291

 46.3622, 0.3524,
0.3291

372.2629, 0.3324,
0.3293

 32.5317, 0.3574,
0.3290


 84.7608, 0.3451,
0.3292

 21.7680, 0.3639,
0.3287


110.0977, 0.3424,
0.3293

 13.6865, 0.3726,
0.3284


140.0389, 0.3401,
0.3293

 7.9030, 0.3849,
0.3277

174.9688, 0.3381,
0.3293

 4.0329, 0.4033,
0.3263

215.2717, 0.3364,
0.3293

 1.6920, 0.4340,
0.3231

261.3321, 0.3349,

 0.4185, 0.6306,

0.3293

0.3380

313.5344, 0.3336,
0.3293

0.0000, 0.0000,
0.0000

46.3622, 0.3524,
0.3291

46.3622, 0.3524,
0.3291

38.1726, 0.3798,
0.3292

55.9968, 0.3304,
0.3290

31.3523, 0.4137,
0.3293

67.1346, 0.3129,
0.3290

25.8287, 0.4542,
0.3294

79.8384, 0.2988,
0.3290

21.5197, 0.5002,
0.3295

93.0349, 0.2883,
0.3289

18.3337, 0.5482,
0.3297

■ 16.1665, 0.5918,
0.3298

■ 14.8942, 0.6233,
0.3299

■ 14.2951, 0.6401,
0.3300

Harmonies

Analogous

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



46.3622, 0.3343, 0.3102



46.3622, 0.3524, 0.3291



46.3622, 0.3595, 0.3487

Triad

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



46.3622, 0.3524, 0.3291



46.3622, 0.3133, 0.3652



46.3622, 0.2731, 0.2934

Complementary

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



46.3622, 0.3524, 0.3291



61.6018, 0.2829, 0.3289

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.



46.3622, 0.2681, 0.3066



46.3622, 0.3524, 0.3291



46.3622, 0.2908, 0.3488

Square

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



46.3622, 0.3524, 0.3291



46.3622, 0.3363, 0.3707



46.3622, 0.2744, 0.3269



46.3622, 0.2885, 0.2899

Rectangle

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



46.3622, 0.3524, 0.3291



46.3622, 0.3568, 0.3598



46.3622, 0.2744, 0.3269



46.3622, 0.2702, 0.2968

Sweetspot

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



46.3643, 0.3524, 0.3291



89.6774, 0.3229, 0.3290



48.1704, 0.3144, 0.2793



18.9650, 0.3240, 0.3290



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.



46.3643, 0.3524, 0.3291



63.6414, 0.3631, 0.3291



54.8395, 0.3476, 0.3538



12.4209, 0.3291, 0.3290



8.6412, 0.6400, 0.3300



0.5212, 0.6399, 0.3299

Inverse Universe

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



46.3643, 0.3524, 0.3291



63.6414, 0.3631, 0.3291



51.7488, 0.2812, 0.3029



12.4209, 0.3291, 0.3290



8.6412, 0.6400, 0.3300



0.5212, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 46.3622, 0.3524, 0.3291 looks on a white background.

Color Contrast Check

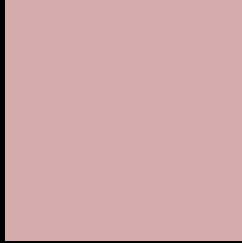
Large Text (above 18pt) WCAG AA × Fail

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 46.3622, 0.3524, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

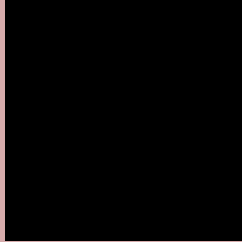
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3622, 0.3524, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 46.3622, 0.3524, 0.3291.



This preview shows how white text looks on a background with the Yxy color 46.3622, 0.3524, 0.3291.

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

46.3622, 0.3524, 0.3291

Protanopia

46.6214, 0.3210, 0.3355

Deuteranopia

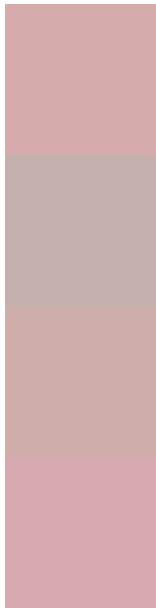
46.2587, 0.3423, 0.3353



Tritanopia

46.2004, 0.3438, 0.3135

Trichromacy



Original Color

46.3622, 0.3524, 0.3291

Protanomaly

46.2360, 0.3321, 0.3329

Deuteranomaly

46.4398, 0.3462, 0.3340

Tritanomaly

46.4109, 0.3472, 0.3195

Monochromacy



Original Color

46.3622, 0.3524, 0.3291

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.0970, 0.3267, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3622, 0.3524, 0.3291 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(214, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 171)  
}
```

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(214, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 171) }
```

Border

The CSS property to change the border of an element to Yxy 46.3622, 0.3524, 0.3291 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(214, 171, 171) }
```

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

```
.border{ border-color:rgb(214, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3622, 0.3524, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 171) }
```

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

```
.background{ background-color: rgb(214,  
171, 171) }
```

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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