

Converting Colors

$Yxy(46.0705, 0.3512, 0.3467)$

Have a look what the booklet for
Yxy(46.0705, 0.3512, 0.3467)
contains.

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Color

Yxy(46.0705, 0.3512, 0.3467)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CCAFA1 |
| RGB | 204, 175, 161 |
| RGB Percent | 80%, 69%, 63% |
| CMY | 0.1999, 0.3137, 0.3687 |
| CMYK | 0.00, 0.14, 0.21, 0.20 |
| HSL | 20°, 30%, 72% |
| HSV | 20°, 21%, 80% |
| XYZ | 46.6685, 46.0705, 40.1439 |
| YIQ | 182.0750, 21.7780, 1.7940 |

Conversions

Conversions Part 2

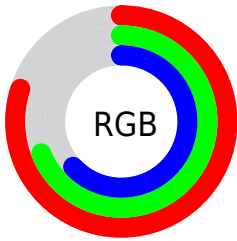
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 204, 182, 161 |
| Decimal | 13414305 |
| CIELab | 73.59, 8.29, 11.06 |
| CIELCh | 74, 13.817, 53.149 |
| Yxy | 46.0705, 0.3512, 0.3467 |
| Android (android.graphics.Color) | 4291604385 (0xFFCCAFA1) |
| YUV | 182.0750, -10.3900, 19.2282 |
| Hunter-Lab | 67.8753, 3.9482, 12.4464 |

Details

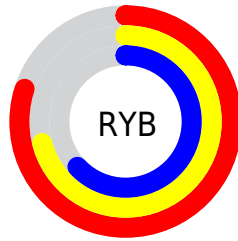
The Yxy color **46.0705, 0.3512, 0.3467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7684, 0.2803, 0.3106**, and the grayscale version is **46.8726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3697, 0.3393, 0.3441**, and **21.6596, 0.3623, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **40.3245, 0.3746, 0.3557**, and if you desaturate by 10%, it is **52.4840, 0.3313, 0.3380**.

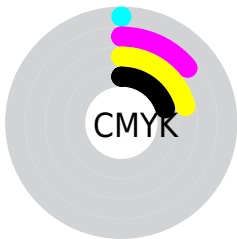
Distribution



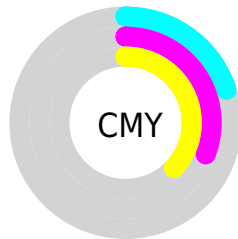
- Red (80%)
- Green (69%)
- Blue (63%)



- Red (80%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0705, 0.3512, 0.3467 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 46.0705, 0.3512, 0.3467 by changing the saturation by 10% instead.


 46.0705, 0.3512,
0.3467

 46.0705, 0.3512,
0.3467


371.0920, 0.3318,
0.3381

 32.3015, 0.3561,
0.3488


 84.3245, 0.3441,
0.3436

 21.5919, 0.3624,
0.3514


 109.5782, 0.3415,
0.3425

 13.5573, 0.3708,
0.3547


139.4290, 0.3392,
0.3415

 7.8134, 0.3827,
0.3592

174.2612, 0.3373,
0.3406

 3.9758, 0.4004,
0.3654

214.4592, 0.3357,
0.3399

 1.6600, 0.4301,
0.3746

260.4074, 0.3342,

 0.3976, 0.5934,

0.3392

0.4066

312.4902, 0.3329,
0.3386

0.0000, 0.0000,
0.0000

46.0705, 0.3512,
0.3467

46.0705, 0.3512,
0.3467

40.3245, 0.3746,
0.3557

52.4840, 0.3313,
0.3380

35.2177, 0.4018,
0.3645

59.5795, 0.3144,
0.3299

30.7290, 0.4327,
0.3726

67.3792, 0.3001,
0.3223

26.8337, 0.4668,
0.3791

75.9019, 0.2880,
0.3153

23.5052, 0.5026,
0.3827

84.6403, 0.2820,
0.3172

■ 20.7149, 0.5376,
0.3822

■ 91.5807, 0.2827,
0.3289

■ 18.4307, 0.5684,
0.3769

■ 16.7870, 0.5909,
0.3690

Harmonies

Analogous

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



46.0705, 0.3462, 0.3305



46.0705, 0.3512, 0.3467



46.0705, 0.3455, 0.3589

Triad

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



46.0705, 0.3512, 0.3467



46.0705, 0.2933, 0.3440



46.0705, 0.2940, 0.2966

Complementary

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



46.0705, 0.3512, 0.3467



48.7684, 0.2803, 0.3106

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.



46.0705, 0.2806, 0.2991



46.0705, 0.3512, 0.3467



46.0705, 0.2803, 0.3260

Square

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



46.0705, 0.3512, 0.3467



46.0705, 0.3118, 0.3579



46.0705, 0.2757, 0.3096



46.0705, 0.3127, 0.3023

Rectangle

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



46.0705, 0.3512, 0.3467



46.0705, 0.3365, 0.3629



46.0705, 0.2757, 0.3096



46.0705, 0.2887, 0.2965

Sweetspot

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



46.0726, 0.3512, 0.3467



92.6456, 0.3225, 0.3339



42.0606, 0.3271, 0.2928



19.6641, 0.3236, 0.3344



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.



46.0726, 0.3512, 0.3467



72.1222, 0.3607, 0.3505



54.9536, 0.3461, 0.3721



11.8002, 0.3282, 0.3366



10.7150, 0.5884, 0.3710



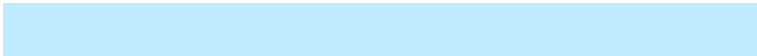
0.6909, 0.5498, 0.4017

Inverse Universe

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



48.7684, 0.2803, 0.3106



77.3139, 0.2739, 0.3064



40.2663, 0.2784, 0.2819



12.0873, 0.2983, 0.3213



14.2852, 0.1944, 0.2199



0.8714, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 46.0705, 0.3512, 0.3467 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 46.0705, 0.3512, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

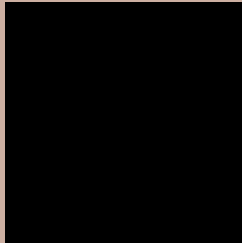
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0705, 0.3512, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 46.0705, 0.3512, 0.3467.



This preview shows how white text looks on a background with the Yxy color 46.0705, 0.3512, 0.3467.

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

46.0705, 0.3512, 0.3467

Protanopia

46.0142, 0.3329, 0.3500

Deuteranopia

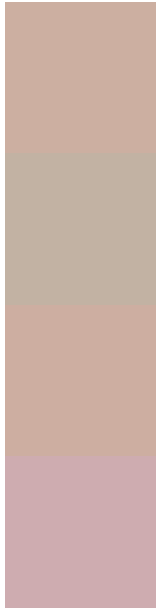
45.9671, 0.3533, 0.3454



Tritanopia

45.8940, 0.3334, 0.3120

Trichromacy



Original Color

46.0705, 0.3512, 0.3467

Protanomaly

45.9545, 0.3395, 0.3484

Deuteranomaly

45.8244, 0.3523, 0.3454

Tritanomaly

45.7614, 0.3403, 0.3241

Monochromacy



Original Color

46.0705, 0.3512, 0.3467

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2433, 0.3264, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0705, 0.3512, 0.3467 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(204, 175, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 175, 161)  
}
```

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(204, 175, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 161) }
```

Border

The CSS property to change the border of an element to Yxy 46.0705, 0.3512, 0.3467 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(204, 175, 161) }
```

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

```
.border{ border-color:rgb(204, 175, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 175, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 175, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 175, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 175,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0705, 0.3512, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 175, 161) }
```

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

```
.background{ background-color: rgb(204,  
175, 161) }
```

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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