

Converting Colors

$Yxy(46.0915, 0.3969, 0.3869)$

Have a look what the booklet for
Yxy(46.0915, 0.3969, 0.3869)
contains.

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Color

Yxy(46.1195, 0.3965, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	D9AD7D
RGB	217, 173, 125
RGB Percent	85%, 68%, 49%
CMY	0.1490, 0.3216, 0.5097
CMYK	0.00, 0.20, 0.42, 0.15
HSL	31°, 55%, 67%
HSV	31°, 42%, 85%
XYZ	47.2638, 46.1195, 25.8193
YIQ	180.6840, 41.6320, -5.6000

Conversions

Conversions Part 2

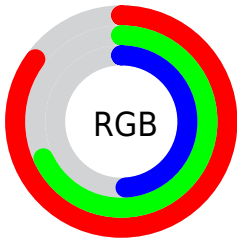
Format	Color
R_{YB}	209, 217, 125
Decimal	14265725
CIE _{Lab}	73.62, 9.82, 30.73
CIE _{LCh}	74, 32.262, 72.279
Yxy	46.1195, 0.3965, 0.3869
Android (android.graphics.Color)	4292455805 (0xFFD9AD7D)
YUV	180.6840, -27.4522, 31.8491
Hunter-Lab	67.9113, 5.3847, 24.9964

Details

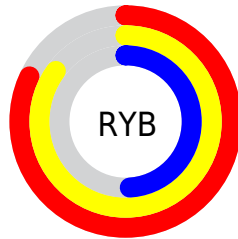
The Yxy color **46.1195, 0.3965, 0.3869** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7594, 0.2443, 0.2622**, and the grayscale version is **46.1653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9612, 0.3659, 0.3799**, and **21.6563, 0.4193, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **41.7978, 0.4218, 0.3997**, and if you desaturate by 10%, it is **50.8762, 0.3730, 0.3730**.

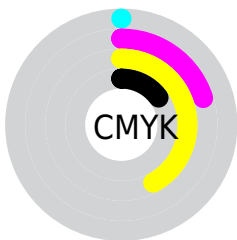
Distribution



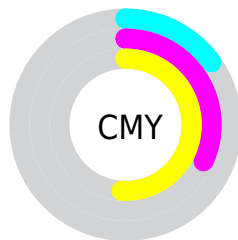
- Red (85%)
- Green (68%)
- Blue (49%)



- Red (82%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1195, 0.3965, 0.3869 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 46.1195, 0.3965, 0.3869 by changing the saturation by 10% instead.


 46.1195, 0.3965,
0.3869

 46.1195, 0.3965,
0.3869


371.2889, 0.3547,
0.3593


 32.3401, 0.4067,
0.3932


 84.3978, 0.3814,
0.3773

 21.6214, 0.4195,
0.4008


 109.6655, 0.3757,
0.3736

 13.5790, 0.4361,
0.4100


 139.5315, 0.3709,
0.3704

 7.8284, 0.4581,
0.4212

174.3801, 0.3667,
0.3676

 3.9854, 0.4888,
0.4349

214.5958, 0.3631,
0.3651

 1.6654, 0.5428,
0.4572

260.5629, 0.3600,

 0.4011, 0.6076,

0.3630

0.3924

312.6658, 0.3572,
0.3611

0.0000, 0.0000,
0.0000

46.1195, 0.3965,
0.3869

46.1195, 0.3965,
0.3869

41.7978, 0.4218,
0.3997

50.8762, 0.3730,
0.3730

37.8896, 0.4484,
0.4104

56.0753, 0.3518,
0.3590

34.3809, 0.4749,
0.4177

61.7322, 0.3330,
0.3452

31.2539, 0.4998,
0.4205

67.8596, 0.3164,
0.3320

28.4885, 0.5216,
0.4178

74.4695, 0.3018,
0.3197

■ 26.6053, 0.5359,
0.4127

■ 81.5588, 0.2893,
0.3085

■ 87.6885, 0.2897,
0.3194

■ 93.4933, 0.2900,
0.3289

Harmonies

Analogous

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



46.1195, 0.4021, 0.3535



46.1195, 0.3965, 0.3869



46.1195, 0.3677, 0.4082

Triad

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



46.1195, 0.3965, 0.3869



46.1195, 0.2473, 0.3359



46.1195, 0.2951, 0.2635

Complementary

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



46.1195, 0.3965, 0.3869



37.7594, 0.2443, 0.2622

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.



46.1195, 0.2568, 0.2563



46.1195, 0.3965, 0.3869



46.1195, 0.2309, 0.2941

Square

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



46.1195, 0.3965, 0.3869



46.1195, 0.2813, 0.3795



46.1195, 0.2342, 0.2662



46.1195, 0.3411, 0.2852

Rectangle

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



46.1195, 0.3965, 0.3869



46.1195, 0.3401, 0.4104



46.1195, 0.2342, 0.2662



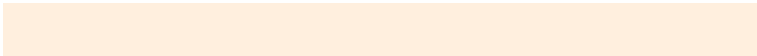
46.1195, 0.2809, 0.2593

Sweetspot

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



46.1217, 0.3965, 0.3869



88.3410, 0.3343, 0.3461



32.3085, 0.3683, 0.2757



18.5099, 0.3383, 0.3492



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.



46.1217, 0.3965, 0.3869



60.7823, 0.4194, 0.3986



65.6318, 0.3744, 0.4335



14.1696, 0.3279, 0.3412



16.3168, 0.5337, 0.4144



1.2293, 0.5101, 0.4332

Inverse Universe

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



37.7594, 0.2443, 0.2622



47.1889, 0.2297, 0.2447



24.1606, 0.2349, 0.1988



13.6399, 0.2982, 0.3165



9.2130, 0.1754, 0.1514



0.7688, 0.1839, 0.1818

Previews

White Background



This preview shows how the Yxy color 46.1195, 0.3965, 0.3869 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 46.1195, 0.3965, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

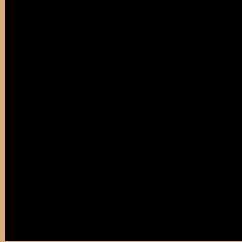
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1195, 0.3965, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 46.1195, 0.3965, 0.3869.



This preview shows how white text looks on a background with the Yxy color 46.1195, 0.3965, 0.3869.

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

46.1195, 0.3965, 0.3869

Protanopia

46.2084, 0.3694, 0.3976

Deuteranopia

45.9667, 0.3956, 0.3872



Tritanopia

46.0567, 0.3536, 0.3138

Trichromacy



Original Color

46.1195, 0.3965, 0.3869

Protanomaly

46.0696, 0.3791, 0.3935

Deuteranomaly

45.9667, 0.3956, 0.3872

Tritanomaly

46.0948, 0.3698, 0.3411

Monochromacy



Original Color

46.1195, 0.3965, 0.3869

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8833, 0.3412, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1195, 0.3965, 0.3869 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(217, 173, 125)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 125)  
}
```

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(217, 173, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 125) }
```

Border

The CSS property to change the border of an element to Yxy 46.1195, 0.3965, 0.3869 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(217, 173, 125) }
```

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

```
.border{ border-color:rgb(217, 173, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 173, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 173, 125); box-shadow:4px 4px 4px 4px rgb(217, 173, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1195, 0.3965, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 125) }
```

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

```
.background{ background-color: rgb(217,  
173, 125) }
```

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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