

Converting Colors

$Yxy(46.7663, 0.3903, 0.3905)$

Have a look what the booklet for
Yxy(46.7663, 0.3903, 0.3905)
contains.

Yxy(46.7032, 0.3903, 0.3901)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.7032, 0.3903, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	D5B07E
RGB	213, 176, 126
RGB Percent	84%, 69%, 49%
CMY	0.1648, 0.3097, 0.5059
CMYK	0.00, 0.17, 0.41, 0.16
HSL	35°, 51%, 66%
HSV	35°, 41%, 84%
XYZ	46.7271, 46.7032, 26.2908
YIQ	181.3630, 38.1020, -7.7060

Conversions

Conversions Part 2

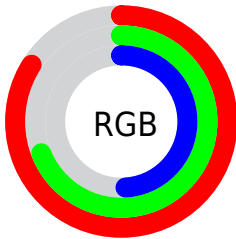
Format	Color
R _Y B	190, 213, 126
Decimal	14004350
CIE Lab	74.00, 6.69, 30.63
CIE LCh	74, 31.353, 77.676
Yxy	46.7032, 0.3903, 0.3901
Android (android.graphics.Color)	4292194430 (0xFFD5B07E)
YUV	181.3630, -27.2940, 27.7456
Hunter-Lab	68.3397, 2.4544, 25.0286

Details

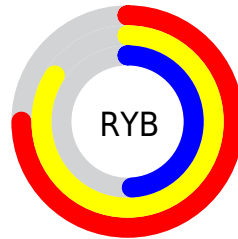
The Yxy color **46.7032, 0.3903, 0.3901** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.4213, 0.2458, 0.2583**, and the grayscale version is **46.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2279, 0.3641, 0.3827**, and **22.1052, 0.4117, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **42.7804, 0.4138, 0.4044**, and if you desaturate by 10%, it is **50.9841, 0.3683, 0.3749**.

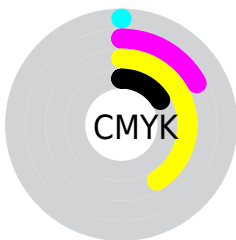
Distribution



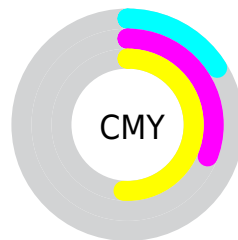
- Red (84%)
- Green (69%)
- Blue (49%)



- Red (75%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7032, 0.3903, 0.3901 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 46.7032, 0.3903, 0.3901 by changing the saturation by 10% instead.


 46.7032, 0.3903,
0.3901

 46.7032, 0.3903,
0.3901


373.6286, 0.3518,
0.3607

 32.8011, 0.3996,
0.3969


 85.2704, 0.3765,
0.3798

 21.9741, 0.4114,
0.4053


 110.7043, 0.3712,
0.3758

 13.8379, 0.4265,
0.4156


 140.7509, 0.3667,
0.3724

 8.0080, 0.4464,
0.4285

175.7947, 0.3629,
0.3694

 4.1001, 0.4738,
0.4447

216.2199, 0.3596,
0.3668

 1.7297, 0.5251,
0.4749

262.4110, 0.3567,

 0.4428, 0.5689,

0.3645

0.4311

314.7525, 0.3541,
0.3625

0.0000, 0.0000,
0.0000

46.7032, 0.3903,
0.3901

46.7032, 0.3903,
0.3901

42.7804, 0.4138,
0.4044

50.9841, 0.3683,
0.3749

39.1971, 0.4382,
0.4166

55.6279, 0.3482,
0.3595

35.9423, 0.4623,
0.4257


60.6474, 0.3301,
0.3445


33.0018, 0.4849,
0.4304


66.0526, 0.3140,
0.3302

30.3590, 0.5047,
0.4299


71.8532, 0.2998,
0.3167

 28.1760, 0.5200,
0.4253

 78.0584, 0.2872,
0.3043

 83.3151, 0.2870,
0.3127

 88.7595, 0.2874,
0.3222

 92.8828, 0.2877,
0.3289

Harmonies

Analogous

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



46.7032, 0.4002, 0.3591



46.7032, 0.3903, 0.3901



46.7032, 0.3593, 0.4073

Triad

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



46.7032, 0.3903, 0.3901



46.7032, 0.2451, 0.3280



46.7032, 0.3035, 0.2683

Complementary

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



46.7032, 0.3903, 0.3901



35.4213, 0.2458, 0.2583

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.



46.7032, 0.2642, 0.2585



46.7032, 0.3903, 0.3901



46.7032, 0.2325, 0.2893

Square

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



46.7032, 0.3903, 0.3901



46.7032, 0.2754, 0.3708



46.7032, 0.2392, 0.2652



46.7032, 0.3481, 0.2916

Rectangle

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



46.7032, 0.3903, 0.3901



46.7032, 0.3316, 0.4062



46.7032, 0.2392, 0.2652



46.7032, 0.2892, 0.2633

Sweetspot

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



46.7054, 0.3903, 0.3901



90.1649, 0.3323, 0.3464



31.7344, 0.3704, 0.2828



19.0809, 0.3346, 0.3483



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.



46.7054, 0.3903, 0.3901



65.0658, 0.4106, 0.4026



62.3751, 0.3687, 0.4311



13.5946, 0.3277, 0.3424



17.4214, 0.5182, 0.4268



1.2133, 0.4965, 0.4439

Inverse Universe

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



35.4213, 0.2458, 0.2583



45.8999, 0.2312, 0.2400



24.6148, 0.2418, 0.2056



12.8677, 0.2982, 0.3152



7.6486, 0.1708, 0.1348



0.6235, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 46.7032, 0.3903, 0.3901 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 46.7032, 0.3903, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

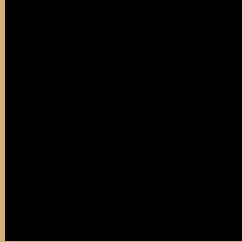
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7032, 0.3903, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 46.7032, 0.3903, 0.3901.



This preview shows how white text looks on a background with the Yxy color 46.7032, 0.3903, 0.3901.

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

46.7032, 0.3903, 0.3901

Protanopia

46.7766, 0.3691, 0.3973

Deuteranopia

46.5302, 0.3951, 0.3869



Tritanopia

46.8134, 0.3474, 0.3137

Trichromacy



Original Color

46.7032, 0.3903, 0.3901

Protanomaly

46.7576, 0.3764, 0.3948

Deuteranomaly

46.7652, 0.3937, 0.3883

Tritanomaly

46.8654, 0.3632, 0.3412

Monochromacy



Original Color

46.7032, 0.3903, 0.3901

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1509, 0.3401, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7032, 0.3903, 0.3901 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(213, 176, 126)` looks like.

```
.text, #text, p{  
    color:rgb(213, 176, 126)  
}
```

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(213, 176, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 176, 126) }
```

Border

The CSS property to change the border of an element to Yxy 46.7032, 0.3903, 0.3901 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(213, 176, 126) }
```

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

```
.border{ border-color:rgb(213, 176, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 176, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 176, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 176, 126);  
box-shadow:4px 4px 4px 4px rgb(213, 176,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7032, 0.3903, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 176, 126) }
```

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

```
.background{ background-color: rgb(213,  
176, 126) }
```

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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