

Converting Colors

$Yxy(46.3722, 0.3657, 0.3646)$

Have a look what the booklet for
Yxy(46.3722, 0.3657, 0.3646)
contains.

Yxy(46.4227, 0.3662, 0.3654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.4227, 0.3662, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	CFB093
RGB	207, 176, 147
RGB Percent	81%, 69%, 58%
CMY	0.1882, 0.3098, 0.4236
CMYK	0.00, 0.15, 0.29, 0.19
HSL	29°, 38%, 69%
HSV	29°, 29%, 81%
XYZ	46.5243, 46.4227, 34.0992
YIQ	181.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

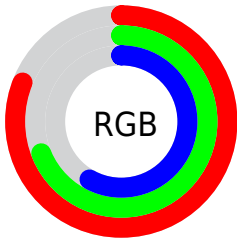
Format	Color
R _Y B	207, 203, 147
Decimal	13611155
CIE Lab	73.82, 6.90, 19.04
CIE LCh	74, 20.253, 70.086
Yxy	46.4227, 0.3662, 0.3654
Android (android.graphics.Color)	4291801235 (0xFFCFB093)
YUV	181.9630, -17.2368, 21.9574
Hunter-Lab	68.1342, 2.6510, 18.0210

Details

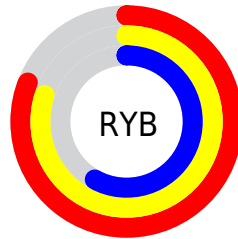
The Yxy color **46.4227, 0.3662, 0.3654** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.5379, 0.2668, 0.2895**, and the grayscale version is **46.8428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1903, 0.3492, 0.3603**, and **21.9352, 0.3818, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **41.8036, 0.3895, 0.3784**, and if you desaturate by 10%, it is **51.4932, 0.3454, 0.3524**.

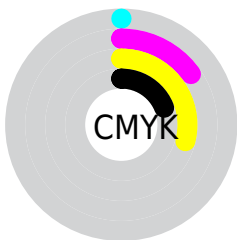
Distribution



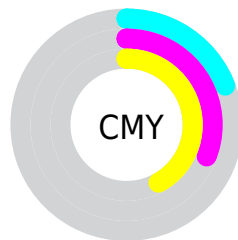
- Red (81%)
- Green (69%)
- Blue (58%)



- Red (81%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (19%)




- Cyan (19%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4227, 0.3662, 0.3654 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 46.4227, 0.3662, 0.3654 by changing the saturation by 10% instead.

 46.4227, 0.3662,
0.3654


 46.4227, 0.3662,
0.3654


372.5054, 0.3393,
0.3477

 32.5795, 0.3729,
0.3696


 84.8513, 0.3564,
0.3591

 21.8045, 0.3815,
0.3750


 110.2054, 0.3528,
0.3567

 13.7133, 0.3928,
0.3818


140.1653, 0.3497,
0.3546

 7.9216, 0.4085,
0.3909

175.1154, 0.3470,
0.3528

 4.0448, 0.4312,
0.4031

215.4401, 0.3447,
0.3513

 1.6987, 0.4816,
0.4331

261.5237, 0.3427,

 0.4228, 0.5742,

0.3499

0.4258

313.7507, 0.3409,
0.3487

0.0000, 0.0000,
0.0000

46.4227, 0.3662,
0.3654

46.4227, 0.3662,
0.3654

41.8036, 0.3895,
0.3784

51.4932, 0.3454,
0.3524

37.6157, 0.4153,
0.3908

57.0218, 0.3272,
0.3398

33.8464, 0.4428,
0.4014

63.0232, 0.3112,
0.3279

30.4800, 0.4711,
0.4093

69.5094, 0.2974,
0.3168

27.4992, 0.4986,
0.4129

76.4917, 0.2854,
0.3065

■ 24.8850, 0.5235,
0.4114

■ 82.8952, 0.2835,
0.3134

■ 22.6114, 0.5446,
0.4049

■ 89.3816, 0.2841,
0.3246

■ 22.4011, 0.5467,
0.4041

■ 92.0071, 0.2844,
0.3289

Harmonies

Analogous

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



46.4227, 0.3680, 0.3442



46.4227, 0.3662, 0.3654



46.4227, 0.3496, 0.3781

Triad

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



46.4227, 0.3662, 0.3654



46.4227, 0.2725, 0.3360



46.4227, 0.3000, 0.2858

Complementary

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



46.4227, 0.3662, 0.3654



42.5379, 0.2668, 0.2895

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.



46.4227, 0.2757, 0.2823



46.4227, 0.3662, 0.3654



46.4227, 0.2604, 0.3097

Square

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



46.4227, 0.3662, 0.3654



46.4227, 0.2953, 0.3614



46.4227, 0.2616, 0.2905



46.4227, 0.3288, 0.2995

Rectangle

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



46.4227, 0.3662, 0.3654



46.4227, 0.3328, 0.3792



46.4227, 0.2616, 0.2905



46.4227, 0.2911, 0.2834

Sweetspot

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



46.4248, 0.3662, 0.3654



91.2786, 0.3273, 0.3399



37.3392, 0.3439, 0.2905



19.2483, 0.3299, 0.3417



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.



46.4248, 0.3662, 0.3654



69.5596, 0.3809, 0.3738



59.5206, 0.3565, 0.3998



12.7382, 0.3279, 0.3403



14.2997, 0.5445, 0.4059



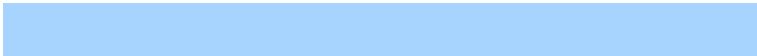
0.9581, 0.5156, 0.4288

Inverse Universe

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



42.5379, 0.2668, 0.2895



62.3082, 0.2564, 0.2792



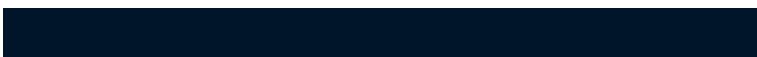
31.8765, 0.2623, 0.2468



12.4130, 0.2982, 0.3175



9.6413, 0.1790, 0.1644



0.6976, 0.1880, 0.1969

Previews

White Background



This preview shows how the Yxy color 46.4227, 0.3662, 0.3654 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 46.4227, 0.3662, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

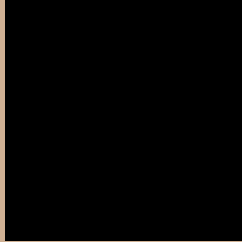
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4227, 0.3662, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 46.4227, 0.3662, 0.3654.



This preview shows how white text looks on a background with the Yxy color 46.4227, 0.3662, 0.3654.

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

46.4227, 0.3662, 0.3654

Protanopia

46.4241, 0.3489, 0.3708

Deuteranopia

46.2276, 0.3706, 0.3625



Tritanopia

46.4354, 0.3379, 0.3134

Trichromacy



Original Color

46.4227, 0.3662, 0.3654

Protanomaly

46.2486, 0.3550, 0.3690

Deuteranomaly

46.4682, 0.3693, 0.3638

Tritanomaly

46.5291, 0.3483, 0.3316

Monochromacy



Original Color

46.4227, 0.3662, 0.3654

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5835, 0.3314, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4227, 0.3662, 0.3654 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(207, 176, 147)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 147)  
}
```

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(207, 176, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 147) }
```

Border

The CSS property to change the border of an element to Yxy 46.4227, 0.3662, 0.3654 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(207, 176, 147) }
```

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

```
.border{ border-color:rgb(207, 176, 147) }
```

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

Here you see how a box with a 4 pixel rgb(207, 176, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 147);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4227, 0.3662, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 147) }
```

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

```
.background{ background-color: rgb(207,  
176, 147) }
```

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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