

Converting Colors

Yxy(50.5742, 0.3664, 0.3615)

Have a look what the booklet for
Yxy(50.5742, 0.3664, 0.3615)
contains.

Yxy(50.5742, 0.3664, 0.3615)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.5742, 0.3664, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	D9B69B
RGB	217, 182, 155
RGB Percent	85%, 71%, 61%
CMY	0.1490, 0.2863, 0.3922
CMYK	0.00, 0.16, 0.29, 0.15
HSL	26°, 45%, 73%
HSV	26°, 29%, 85%
XYZ	51.2597, 50.5742, 38.0671
YIQ	189.3870, 29.5270, -0.9770

Conversions

Conversions Part 2

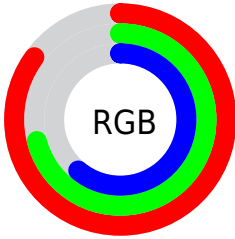
Format	Color
RYB	217, 203, 155
Decimal	14268059
CIELab	76.42, 8.63, 18.45
CIELCh	76, 20.368, 64.946
Yxy	50.5742, 0.3664, 0.3615
Android (android.graphics.Color)	4292458139 (0xFFD9B69B)
YUV	189.3870, -16.9528, 24.2166
Hunter-Lab	71.1155, 4.2097, 18.0439

Details

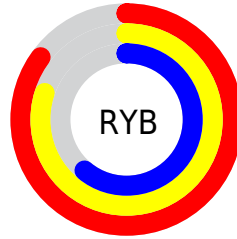
The Yxy color $50.5742, 0.3664, 0.3615$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $48.8011, 0.2678, 0.2940$, and the grayscale version is $51.2095, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0622, 0.3422, 0.3570$, and $24.2771, 0.3807, 0.3690$ is the 20% darker color. If you saturate the color by 10%, you get $45.1124, 0.3906, 0.3734$, and if you desaturate by 10%, it is $56.6105, 0.3451, 0.3497$.

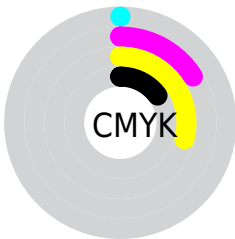
Distribution



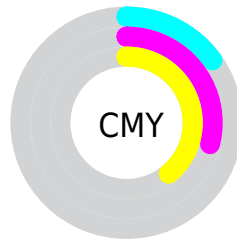
- Red (85%)
- Green (71%)
- Blue (61%)



- Red (85%)
- Yellow (80%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (15%)




- Cyan (15%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5742, 0.3664, 0.3615 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 50.5742, 0.3664, 0.3615 by changing the saturation by 10% instead.


 50.5742, 0.3664,
0.3615

 50.5742, 0.3664,
0.3615


388.9072, 0.3398,
0.3460

 35.8699, 0.3729,
0.3651


 91.0251, 0.3568,
0.3560

 24.3337, 0.3813,
0.3696


 117.5404, 0.3532,
0.3539

 15.5813, 0.3922,
0.3754


148.7614, 0.3501,
0.3521

 9.2284, 0.4071,
0.3828

185.0727, 0.3475,
0.3506

 4.8905, 0.4286,
0.3927

226.8585, 0.3452,
0.3492

 2.1831, 0.4637,
0.4076

274.5032, 0.3431,

 0.7108, 0.5551,

0.3480

0.4449

328.3913, 0.3414,
0.3469

0.0000, 0.0000,
0.0000

50.5742, 0.3664,
0.3615

50.5742, 0.3664,
0.3615

45.1124, 0.3906,
0.3734

56.6105, 0.3451,
0.3497

40.1999, 0.4177,
0.3846

63.2315, 0.3266,
0.3383

35.8196, 0.4471,
0.3942

70.4561, 0.3106,
0.3275

31.9510, 0.4777,
0.4011

78.3000, 0.2968,
0.3175

28.5716, 0.5078,
0.4038

86.2190, 0.2896,
0.3169

■ 25.6565, 0.5351,
0.4014

■ 93.4922, 0.2900,
0.3289

■ 23.1744, 0.5581,
0.3938

■ 22.8516, 0.5612,
0.3926

Harmonies

Analogous

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



50.5742, 0.3654, 0.3399



50.5742, 0.3664, 0.3615



50.5742, 0.3524, 0.3757

Triad

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



50.5742, 0.3664, 0.3615



50.5742, 0.2766, 0.3404



50.5742, 0.2957, 0.2853

Complementary

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



50.5742, 0.3664, 0.3615



48.8011, 0.2678, 0.2940

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.



50.5742, 0.2734, 0.2838



50.5742, 0.3664, 0.3615



50.5742, 0.2627, 0.3143

Square

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



50.5742, 0.3664, 0.3615



50.5742, 0.3002, 0.3642



50.5742, 0.2616, 0.2939



50.5742, 0.3236, 0.2973

Rectangle

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



50.5742, 0.3664, 0.3615



50.5742, 0.3369, 0.3784



50.5742, 0.2616, 0.2939



50.5742, 0.2874, 0.2836

Sweetspot

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



50.5765, 0.3664, 0.3615



90.6213, 0.3274, 0.3388



41.9163, 0.3404, 0.2874



19.0867, 0.3300, 0.3405



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.



50.5765, 0.3664, 0.3615



68.2731, 0.3799, 0.3683



64.6412, 0.3569, 0.3957



13.9800, 0.3281, 0.3392



14.0347, 0.5587, 0.3946



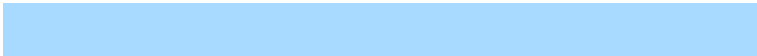
1.0786, 0.5305, 0.4170

Inverse Universe

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



48.8011, 0.2678, 0.2940



65.3238, 0.2587, 0.2858



36.8181, 0.2634, 0.2522



13.8305, 0.2982, 0.3186



11.7430, 0.1835, 0.1805



0.9311, 0.1908, 0.2070

Previews

White Background



This preview shows how the Yxy color 50.5742, 0.3664, 0.3615 looks on a white background.

Color Contrast Check

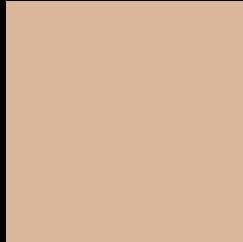
Large Text (above 18pt) WCAG AA × Fail

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 50.5742, 0.3664, 0.3615 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 50.5742, 0.3664, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 50.5742, 0.3664, 0.3615.



This preview shows how white text looks on a background with the Yxy color 50.5742, 0.3664, 0.3615.

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

50.5742, 0.3664, 0.3615

Protanopia

50.5772, 0.3460, 0.3668

Deuteranopia

50.4744, 0.3685, 0.3601



Tritanopia

50.5780, 0.3398, 0.3128

Trichromacy



Original Color

50.5742, 0.3664, 0.3615

Protanomaly

50.6739, 0.3536, 0.3649

Deuteranomaly

50.3197, 0.3676, 0.3602

Tritanomaly

50.6702, 0.3498, 0.3303

Monochromacy



Original Color

50.5742, 0.3664, 0.3615

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4342, 0.3309, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5742, 0.3664, 0.3615 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, 182, 155)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 155)  
}
```

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, 182, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.5742, 0.3664, 0.3615 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, 182, 155) }
```

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

```
.border{ border-color:rgb(217, 182, 155) }
```

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

Here you see how a box with a 4 pixel rgb(217, 182, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 155);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5742, 0.3664, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 155) }
```

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

```
.background{ background-color: rgb(217,  
182, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor