

Converting Colors

Yxy(50.5381, 0.3642, 0.3639)

Have a look what the booklet for
Yxy(50.5381, 0.3642, 0.3639)
contains.

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Color

Yxy(50.4962, 0.3642, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	D6B79A
RGB	214, 183, 154
RGB Percent	84%, 72%, 60%
CMY	0.1608, 0.2823, 0.3961
CMYK	0.00, 0.14, 0.28, 0.16
HSL	29°, 42%, 72%
HSV	29°, 28%, 84%
XYZ	50.4962, 50.4962, 37.6572
YIQ	188.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

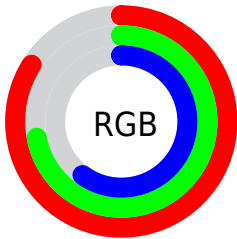
Format	Color
RYB	214, 210, 154
Decimal	14071706
CIELab	76.37, 6.80, 18.88
CIELCh	76, 20.064, 70.191
Yxy	50.4962, 0.3642, 0.3642
Android (android.graphics.Color)	4292261786 (0xFFD6B79A)
YUV	188.9630, -17.2368, 21.9574
Hunter-Lab	71.0607, 2.4871, 18.3229

Details

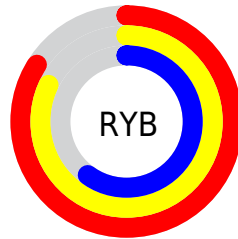
The Yxy color $50.4962, 0.3642, 0.3642$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $46.4172, 0.2683, 0.2909$, and the grayscale version is $50.9560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5471, 0.3433, 0.3600$, and $24.2136, 0.3777, 0.3728$ is the 20% darker color. If you saturate the color by 10%, you get $45.4657, 0.3874, 0.3773$, and if you desaturate by 10%, it is $56.0165, 0.3436, 0.3512$.

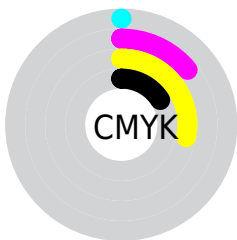
Distribution



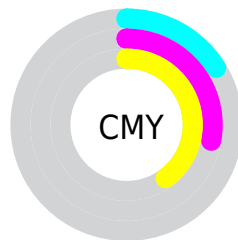
- Red (84%)
- Green (72%)
- Blue (60%)



- Red (84%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (16%)




- Cyan (16%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4962, 0.3642, 0.3642 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 50.4962, 0.3642, 0.3642 by changing the saturation by 10% instead.


 50.4962, 0.3642,
0.3642

 50.4962, 0.3642,
0.3642

388.6032, 0.3387,
0.3473

 35.8078, 0.3705,
0.3682


 90.9096, 0.3550,
0.3582

 24.2858, 0.3784,
0.3732


 117.4035, 0.3515,
0.3559

 15.5458, 0.3888,
0.3796


148.6013, 0.3486,
0.3540

 9.2033, 0.4031,
0.3879

184.8874, 0.3461,
0.3523

 4.8740, 0.4234,
0.3992

226.6463, 0.3439,
0.3508

 2.1735, 0.4573,
0.4172

274.2623, 0.3419,

 0.7055, 0.5425,

0.3495

0.4575

328.1198, 0.3402,
0.3483

0.0000, 0.0000,
0.0000

50.4962, 0.3642,
0.3642

50.4962, 0.3642,
0.3642

45.4657, 0.3874,
0.3773

56.0165, 0.3436,
0.3512

40.9031, 0.4129,
0.3897

62.0339, 0.3255,
0.3386

36.7949, 0.4404,
0.4006

68.5642, 0.3098,
0.3267

33.1241, 0.4688,
0.4087

75.6201, 0.2961,
0.3157

29.8723, 0.4965,
0.4128

82.8219, 0.2875,
0.3116

■ 27.0190, 0.5217,
0.4117

■ 89.4665, 0.2880,
0.3231

■ 24.5384, 0.5430,
0.4054

■ 93.0351, 0.2883,
0.3289

■ 24.0888, 0.5470,
0.4039

Harmonies

Analogous

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



50.4962, 0.3660, 0.3438



50.4962, 0.3642, 0.3642



50.4962, 0.3482, 0.3763

Triad

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



50.4962, 0.3642, 0.3642



50.4962, 0.2739, 0.3357



50.4962, 0.3006, 0.2873

Complementary

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



50.4962, 0.3642, 0.3642



46.4172, 0.2683, 0.2909

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.



50.4962, 0.2771, 0.2839



50.4962, 0.3642, 0.3642



50.4962, 0.2623, 0.3104

Square

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



50.4962, 0.3642, 0.3642



50.4962, 0.2959, 0.3601



50.4962, 0.2634, 0.2919



50.4962, 0.3283, 0.3006

Rectangle

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



50.4962, 0.3642, 0.3642



50.4962, 0.3320, 0.3773



50.4962, 0.2634, 0.2919



50.4962, 0.2920, 0.2850

Sweetspot

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



50.4985, 0.3642, 0.3642



92.2158, 0.3256, 0.3386



40.9095, 0.3426, 0.2918



19.4366, 0.3282, 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.



50.4985, 0.3642, 0.3642



70.3004, 0.3785, 0.3725



64.2133, 0.3551, 0.3976



13.4019, 0.3279, 0.3403



14.7677, 0.5447, 0.4057



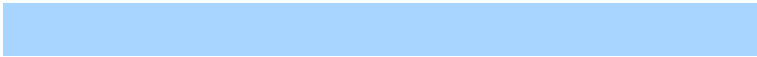
1.0561, 0.5174, 0.4274

Inverse Universe

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



46.4172, 0.2683, 0.2909



63.2064, 0.2581, 0.2809



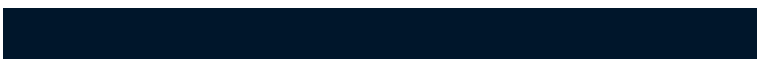
35.1681, 0.2641, 0.2498



13.0590, 0.2982, 0.3174



9.9539, 0.1790, 0.1642



0.7658, 0.1875, 0.1948

Previews

White Background



This preview shows how the Yxy color 50.4962, 0.3642, 0.3642 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 50.4962, 0.3642, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

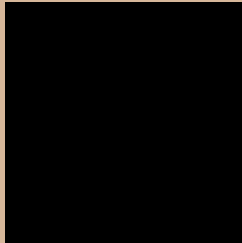
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4962, 0.3642, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 50.4962, 0.3642, 0.3642.



This preview shows how white text looks on a background with the Yxy color 50.4962, 0.3642, 0.3642.

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

50.4962, 0.3642, 0.3642

Protanopia

50.5089, 0.3476, 0.3694

Deuteranopia

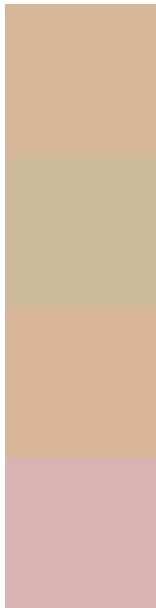
50.4409, 0.3694, 0.3613



Tritanopia

50.5520, 0.3362, 0.3127

Trichromacy



Original Color

50.4962, 0.3642, 0.3642

Protanomaly

50.3217, 0.3534, 0.3677

Deuteranomaly

50.5407, 0.3673, 0.3627

Tritanomaly

50.6086, 0.3470, 0.3315

Monochromacy



Original Color

50.4962, 0.3642, 0.3642

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6810, 0.3307, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4962, 0.3642, 0.3642 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(214, 183, 154)` looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 154)  
}
```

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(214, 183, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 154) }
```

Border

The CSS property to change the border of an element to Yxy 50.4962, 0.3642, 0.3642 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(214, 183, 154) }
```

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

```
.border{ border-color:rgb(214, 183, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 183, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 154);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4962, 0.3642, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 154) }
```

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

```
.background{ background-color: rgb(214,  
183, 154) }
```

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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