

Converting Colors

$Yxy(50.1863, 0.3555, 0.3662)$

Have a look what the booklet for
Yxy(50.1863, 0.3555, 0.3662)
contains.

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Color

Yxy(50.1863, 0.3555, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	CEB99B
RGB	206, 185, 155
RGB Percent	81%, 73%, 61%
CMY	0.1922, 0.2745, 0.3921
CMYK	0.00, 0.10, 0.25, 0.19
HSL	35°, 34%, 71%
HSV	35°, 25%, 81%
XYZ	48.7199, 50.1863, 38.1399
YIQ	187.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

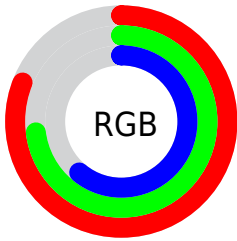
Format	Color
R _Y B	191, 206, 155
Decimal	13547931
CIE Lab	76.18, 2.81, 17.95
CIE LCh	76, 18.172, 81.103
Yxy	50.1863, 0.3555, 0.3662
Android (android.graphics.Color)	4291738011 (0xFFCEB99B)
YUV	187.8590, -16.1995, 15.9097
Hunter-Lab	70.8423, -1.2154, 17.6692

Details

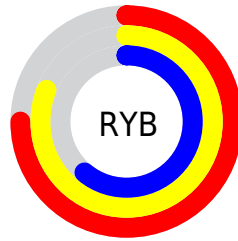
The Yxy color $50.1863, 0.3555, 0.3662$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.4850, 0.2731, 0.2887$, and the grayscale version is $50.2914, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8237, 0.3417, 0.3599$, and $24.0813, 0.3668, 0.3757$ is the 20% darker color. If you saturate the color by 10%, you get $46.1097, 0.3761, 0.3819$, and if you desaturate by 10%, it is $54.5974, 0.3368, 0.3507$.

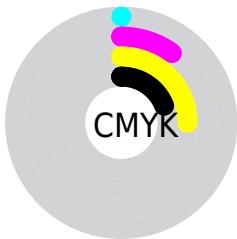
Distribution



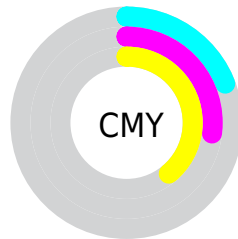
- Red (81%)
- Green (73%)
- Blue (61%)



- Red (75%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (19%)




- Cyan (19%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1863, 0.3555, 0.3662 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 50.1863, 0.3555, 0.3662 by changing the saturation by 10% instead.

 50.1863, 0.3555,
0.3662

 50.1863, 0.3555,
0.3662


387.3940, 0.3344,
0.3480

 35.5614, 0.3607,
0.3706


 90.4508, 0.3479,
0.3597

 24.0957, 0.3673,
0.3761


 116.8593, 0.3450,
0.3572

 15.4046, 0.3759,
0.3833


147.9645, 0.3426,
0.3551

 9.1038, 0.3876,
0.3929

184.1507, 0.3405,
0.3533

 4.8090, 0.4045,
0.4064

225.8024, 0.3386,
0.3517

 2.1356, 0.4323,
0.4282

273.3039, 0.3370,

 0.6845, 0.5124,

0.3504

0.4876

327.0396, 0.3356,
0.3491

0.0000, 0.0000,
0.0000

50.1863, 0.3555,
0.3662

50.1863, 0.3555,
0.3662

46.1097, 0.3761,
0.3819

54.5974, 0.3368,
0.3507

42.3510, 0.3984,
0.3971

59.3453, 0.3200,
0.3358

38.9024, 0.4219,
0.4110

64.4409, 0.3051,
0.3217

35.7527, 0.4457,
0.4225

69.8926, 0.2920,
0.3086

32.8899, 0.4688,
0.4303

75.5121, 0.2821,
0.2996

■ 30.3005, 0.4898,
0.4334

■ 80.2797, 0.2826,
0.3088

■ 27.9689, 0.5076,
0.4312

■ 85.2793, 0.2831,
0.3178

■ 26.8343, 0.5160,
0.4285

■ 90.5141, 0.2837,
0.3267

■ 91.8614, 0.2838,
0.3289

Harmonies

Analogous

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



50.1863, 0.3620, 0.3499



50.1863, 0.3555, 0.3662



50.1863, 0.3374, 0.3731

Triad

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



50.1863, 0.3555, 0.3662



50.1863, 0.2723, 0.3265



50.1863, 0.3108, 0.2944

Complementary

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



50.1863, 0.3555, 0.3662



42.4850, 0.2731, 0.2887

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.



50.1863, 0.2873, 0.2879



50.1863, 0.3555, 0.3662



50.1863, 0.2658, 0.3052

Square

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



50.1863, 0.3555, 0.3662



50.1863, 0.2893, 0.3497



50.1863, 0.2711, 0.2914



50.1863, 0.3357, 0.3093

Rectangle

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



50.1863, 0.3555, 0.3662



50.1863, 0.3214, 0.3706



50.1863, 0.2711, 0.2914



50.1863, 0.3025, 0.2912

Sweetspot

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



50.1886, 0.3555, 0.3662



94.3020, 0.3238, 0.3392



39.7176, 0.3431, 0.3026



20.0822, 0.3248, 0.3401



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.



50.1886, 0.3555, 0.3662



77.5339, 0.3669, 0.3750



59.0303, 0.3463, 0.3910



12.2918, 0.3276, 0.3426



16.7194, 0.5141, 0.4300



1.0098, 0.4908, 0.4485

Inverse Universe

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



42.4850, 0.2731, 0.2887



62.8407, 0.2636, 0.2780



35.3061, 0.2741, 0.2600



11.5902, 0.2983, 0.3150



6.9103, 0.1698, 0.1312



0.5049, 0.1807, 0.1703

Previews

White Background



This preview shows how the Yxy color 50.1863, 0.3555, 0.3662 looks on a white background.

Color Contrast Check

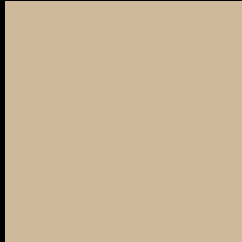
Large Text (above 18pt) WCAG AA × Fail

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 50.1863, 0.3555, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

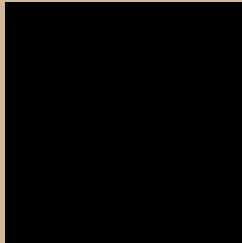
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1863, 0.3555, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 50.1863, 0.3555, 0.3662.



This preview shows how white text looks on a background with the Yxy color 50.1863, 0.3555, 0.3662.

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

50.1863, 0.3555, 0.3662

Protanopia

50.3725, 0.3468, 0.3695

Deuteranopia

50.1998, 0.3658, 0.3591



Tritanopia

50.3864, 0.3281, 0.3124

Trichromacy



Original Color

50.1863, 0.3555, 0.3662

Protanomaly

50.3585, 0.3497, 0.3679

Deuteranomaly

50.0023, 0.3619, 0.3607

Tritanomaly

50.3065, 0.3378, 0.3315

Monochromacy



Original Color

50.1863, 0.3555, 0.3662

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2773, 0.3281, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1863, 0.3555, 0.3662 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(206, 185, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 185, 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(206, 185, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 185, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.1863, 0.3555, 0.3662 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(206, 185, 155) }
```

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

```
.border{ border-color:rgb(206, 185, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 185, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 185, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 185, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 185,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1863, 0.3555, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 185, 155) }
```

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

```
.background{ background-color: rgb(206,  
185, 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](#).

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