

Converting Colors

Yxy(62.5126, 0.3496, 0.3638)

Have a look what the booklet for
Yxy(62.5126, 0.3496, 0.3638)
contains.

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Color

Yxy(62.4458, 0.3491, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	DFCDAF
RGB	223, 205, 175
RGB Percent	87%, 80%, 69%
CMY	0.1254, 0.1961, 0.3138
CMYK	0.00, 0.08, 0.22, 0.13
HSL	37°, 43%, 78%
HSV	37°, 22%, 87%
XYZ	60.0050, 62.4458, 49.4341
YIQ	206.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

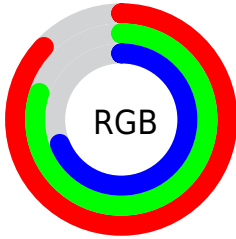
Format	Color
RYB	204, 223, 175
Decimal	14667183
CIELab	83.15, 1.56, 17.23
CIELCh	83, 17.303, 84.828
Yxy	62.4458, 0.3491, 0.3633
Android (android.graphics.Color)	4292857263 (0xFFDFCDAF)
YUV	206.9620, -15.7573, 14.0653
Hunter-Lab	79.0227, -2.7475, 18.2259

Details

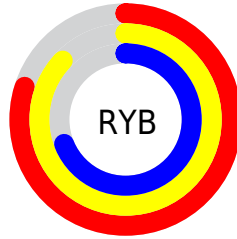
The Yxy color **62.4458, 0.3491, 0.3633** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.5825, 0.2782, 0.2921**, and the grayscale version is **62.4672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **31.7538, 0.3582, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **57.7464, 0.3688, 0.3800**, and if you desaturate by 10%, it is **67.5097, 0.3312, 0.3470**.

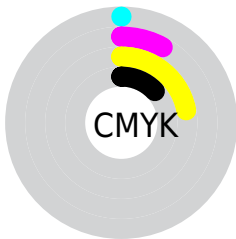
Distribution



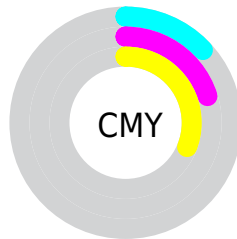
- Red (87%)
- Green (80%)
- Blue (69%)



- Red (80%)
- Yellow (87%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4458, 0.3491, 0.3633 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 62.4458, 0.3491, 0.3633 by changing the saturation by 10% instead.


 62.4458, 0.3491,
0.3633

 62.4458, 0.3491,
0.3633


433.5554, 0.3318,
0.3471

 45.3930, 0.3532,
0.3671


 108.3696, 0.3430,
0.3576

 31.7671, 0.3582,
0.3718


138.0094, 0.3407,
0.3554

 21.1837, 0.3647,
0.3778

172.6136, 0.3387,
0.3535

 13.2583, 0.3733,
0.3857

212.5667, 0.3369,
0.3519

 7.6067, 0.3852,
0.3965

258.2530, 0.3354,
0.3505

 3.8443, 0.4026,
0.4121

310.0570, 0.3341,

 1.5869, 0.4431,

0.3492

0.4492

368.3629, 0.3329,
0.3481

0.3487, 0.5145,
0.4855

0.0000, 0.0000,
0.0000

62.4458, 0.3491,
0.3633

62.4458, 0.3491,
0.3633

57.7464, 0.3688,
0.3800

67.5097, 0.3312,
0.3470

53.3926, 0.3900,
0.3963

72.9396, 0.3151,
0.3313

49.3762, 0.4122,
0.4116

78.7476, 0.3007,
0.3166

45.6852, 0.4348,
0.4247

84.3368, 0.2931,
0.3121

■ 42.3067, 0.4567,
0.4345

■ 89.3364, 0.2933,
0.3207

■ 39.2261, 0.4768,
0.4398

■ 94.4326, 0.2935,
0.3289

■ 36.4266, 0.4939,
0.4399

■ 34.2581, 0.5060,
0.4364

Harmonies

Analogous

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



62.4458, 0.3563, 0.3498



62.4458, 0.3491, 0.3633



62.4458, 0.3321, 0.3679

Triad

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



62.4458, 0.3491, 0.3633



62.4458, 0.2755, 0.3243



62.4458, 0.3139, 0.2995

Complementary

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



62.4458, 0.3491, 0.3633



52.5825, 0.2782, 0.2921

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.



62.4458, 0.2926, 0.2926



62.4458, 0.3491, 0.3633



62.4458, 0.2710, 0.3060

Square

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



62.4458, 0.3491, 0.3633



62.4458, 0.2897, 0.3449



62.4458, 0.2771, 0.2948



62.4458, 0.3356, 0.3136

Rectangle

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



62.4458, 0.3491, 0.3633



62.4458, 0.3178, 0.3647



62.4458, 0.2771, 0.2948



62.4458, 0.3065, 0.2963

Sweetspot

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



62.4486, 0.3491, 0.3633



95.4452, 0.3221, 0.3383



50.2106, 0.3399, 0.3079



20.3255, 0.3231, 0.3393



0.0000, 0.0000, 0.0000



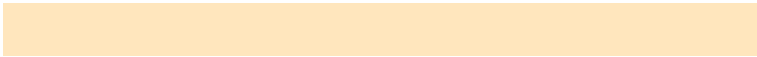
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4486, 0.3491, 0.3633



81.5834, 0.3580, 0.3710



70.7016, 0.3409, 0.3833



15.1201, 0.3276, 0.3436



20.3613, 0.5044, 0.4377



1.5817, 0.4878, 0.4509

Inverse Universe

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



52.5825, 0.2782, 0.2921



65.8796, 0.2702, 0.2830



45.7525, 0.2808, 0.2699



14.0817, 0.2981, 0.3139



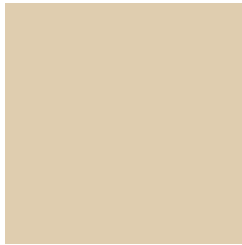
7.0312, 0.1666, 0.1198



0.6556, 0.1752, 0.1507

Previews

White Background



This preview shows how the Yxy color 62.4458, 0.3491, 0.3633 looks on a white background.

Color Contrast Check

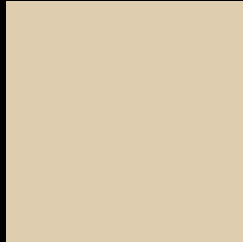
Large Text (above 18pt) WCAG AA × Fail

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 62.4458, 0.3491, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

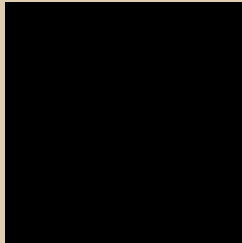
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4458, 0.3491, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 62.4458, 0.3491, 0.3633.



This preview shows how white text looks on a background with the Yxy color 62.4458, 0.3491, 0.3633.

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

62.4458, 0.3491, 0.3633

Protanopia

62.6657, 0.3438, 0.3648

Deuteranopia

62.1586, 0.3621, 0.3544



Tritanopia

62.2471, 0.3237, 0.3115

Trichromacy



Original Color

62.4458, 0.3491, 0.3633

Protanomaly

62.4928, 0.3456, 0.3635

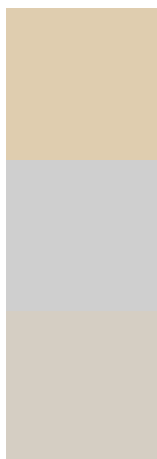
Deuteranomaly

62.2315, 0.3575, 0.3569

Tritanomaly

62.1122, 0.3332, 0.3302

Monochromacy



Original Color

62.4458, 0.3491, 0.3633

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2289, 0.3260, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4458, 0.3491, 0.3633 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(223, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 175)  
}
```

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(223, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 175) }
```

Border

The CSS property to change the border of an element to Yxy 62.4458, 0.3491, 0.3633 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(223, 205, 175) }
```

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

```
.border{ border-color:rgb(223, 205, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 205, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4458, 0.3491, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 175) }
```

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

```
.background{ background-color: rgb(223,  
205, 175) }
```

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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