

Converting Colors

Yxy(62.5399, 0.3533, 0.3640)

Have a look what the booklet for
Yxy(62.5399, 0.3533, 0.3640)
contains.

Yxy(62.3716, 0.3533, 0.3642)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.3716, 0.3533, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	E2CCAD
RGB	226, 204, 173
RGB Percent	89%, 80%, 68%
CMY	0.1136, 0.2000, 0.3216
CMYK	0.00, 0.10, 0.23, 0.11
HSL	35°, 48%, 78%
HSV	35°, 23%, 89%
XYZ	60.5049, 62.3716, 48.3799
YIQ	207.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

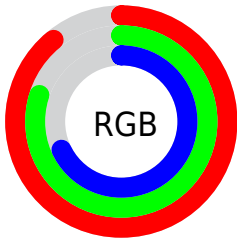
Format	Color
R _Y B	211, 226, 173
Decimal	14863533
CIE Lab	83.11, 2.92, 18.26
CIE LCh	83, 18.496, 80.927
Yxy	62.3716, 0.3533, 0.3642
Android (android.graphics.Color)	4293053613 (0xFFE2CCAD)
YUV	207.0440, -16.7837, 16.6244
Hunter-Lab	78.9757, -1.4549, 18.9624

Details

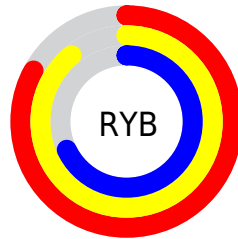
The Yxy color $62.3716, 0.3533, 0.3642$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $53.4148, 0.2751, 0.2911$, and the grayscale version is $62.5286, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $31.7392, 0.3628, 0.3723$ is the 20% darker color. If you saturate the color by 10%, you get $57.2430, 0.3739, 0.3799$, and if you desaturate by 10%, it is $67.9229, 0.3347, 0.3487$.

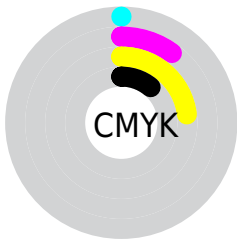
Distribution



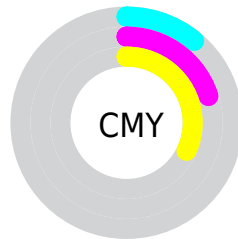
- Red (89%)
- Green (80%)
- Blue (68%)



- Red (83%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3716, 0.3533, 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 62.3716, 0.3533, 0.3642 by changing the saturation by 10% instead.


 62.3716, 0.3533,
0.3642

 62.3716, 0.3533,
0.3642


433.2853, 0.3340,
0.3476

 45.3330, 0.3578,
0.3680


 108.2624, 0.3465,
0.3584

 31.7198, 0.3635,
0.3728


137.8835, 0.3439,
0.3562

 21.1476, 0.3708,
0.3788


172.4674, 0.3416,
0.3542

 13.2319, 0.3804,
0.3868

212.3987, 0.3397,
0.3526

 7.5884, 0.3937,
0.3975

258.0618, 0.3380,
0.3511

 3.8328, 0.4130,
0.4128

309.8410, 0.3365,

 1.5805, 0.4607,

0.3498

0.4524

368.1207, 0.3352,
0.3487

0.3444, 0.5364,
0.4636

0.0000, 0.0000,
0.0000

62.3716, 0.3533,
0.3642

62.3716, 0.3533,
0.3642

57.2430, 0.3739,
0.3799

67.9229, 0.3347,
0.3487

52.5165, 0.3962,
0.3952

73.9000, 0.3180,
0.3339

48.1819, 0.4199,
0.4093

80.3165, 0.3033,
0.3200

44.2255, 0.4440,
0.4210

86.6300, 0.2950,
0.3153

■ 40.6321, 0.4675,
0.4292

■ 92.3490, 0.2952,
0.3249

■ 37.3849, 0.4890,
0.4327

■ 94.9130, 0.2952,
0.3289

■ 34.4643, 0.5073,
0.4308

■ 32.7146, 0.5176,
0.4272

Harmonies

Analogous

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



62.3716, 0.3594, 0.3488



62.3716, 0.3533, 0.3642



62.3716, 0.3362, 0.3707

Triad

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



62.3716, 0.3533, 0.3642



62.3716, 0.2744, 0.3268



62.3716, 0.3108, 0.2961

Complementary

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



62.3716, 0.3533, 0.3642



53.4148, 0.2751, 0.2911

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.



62.3716, 0.2886, 0.2900



62.3716, 0.3533, 0.3642



62.3716, 0.2682, 0.3066

Square

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



62.3716, 0.3533, 0.3642



62.3716, 0.2907, 0.3487



62.3716, 0.2732, 0.2934



62.3716, 0.3343, 0.3102

Rectangle

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



62.3716, 0.3533, 0.3642



62.3716, 0.3212, 0.3684



62.3716, 0.2732, 0.2934



62.3716, 0.3029, 0.2931

Sweetspot

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



62.3744, 0.3533, 0.3642



94.2636, 0.3238, 0.3392



50.0010, 0.3414, 0.3039



20.0733, 0.3248, 0.3400



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.



62.3744, 0.3533, 0.3642



78.7402, 0.3628, 0.3716



72.8913, 0.3447, 0.3881



15.0254, 0.3277, 0.3427



18.8985, 0.5157, 0.4287



1.4854, 0.4968, 0.4437

Inverse Universe

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



53.4148, 0.2751, 0.2911



65.0787, 0.2671, 0.2822



44.7717, 0.2762, 0.2637



14.1739, 0.2981, 0.3149



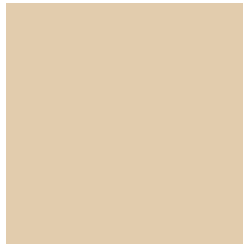
7.9085, 0.1699, 0.1314



0.7218, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 62.3716, 0.3533, 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 62.3716, 0.3533, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

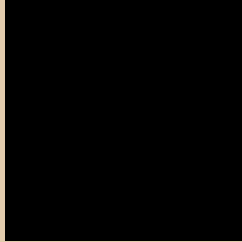
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3716, 0.3533, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 62.3716, 0.3533, 0.3642.



This preview shows how white text looks on a background with the Yxy color 62.3716, 0.3533, 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

62.3716, 0.3533, 0.3642

Protanopia

62.5871, 0.3453, 0.3671

Deuteranopia

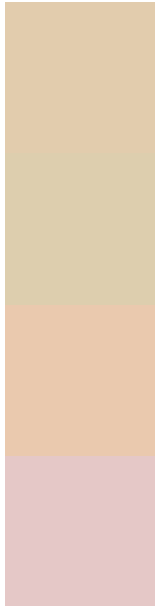
62.2536, 0.3646, 0.3565



Tritanopia

62.2321, 0.3269, 0.3116

Trichromacy



Original Color

62.3716, 0.3533, 0.3642

Protanomaly

62.5708, 0.3480, 0.3657

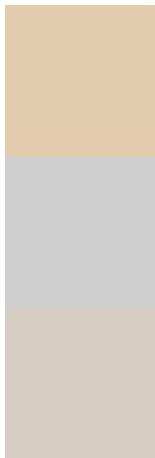
Deuteranomaly

62.3217, 0.3599, 0.3591

Tritanomaly

62.0901, 0.3365, 0.3302

Monochromacy



Original Color

62.3716, 0.3533, 0.3642

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3789, 0.3268, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3716, 0.3533, 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(226, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 173)  
}
```

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(226, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.3716, 0.3533, 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(226, 204, 173) }
```

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

```
.border{ border-color:rgb(226, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3716, 0.3533, 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(226, 204, 173) }
```

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

```
.background{ background-color: rgb(226,  
204, 173) }
```

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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