

Converting Colors

$Yxy(66.1377, 0.3495, 0.3748)$

Have a look what the booklet for
Yxy(66.1377, 0.3495, 0.3748)
contains.

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Color

Yxy(66.2550, 0.3494, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	DFD5AC
RGB	223, 213, 172
RGB Percent	87%, 84%, 67%
CMY	0.1256, 0.1647, 0.3255
CMYK	0.00, 0.04, 0.23, 0.13
HSL	48°, 44%, 77%
HSV	48°, 23%, 87%
XYZ	61.6662, 66.2550, 48.5705
YIQ	211.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

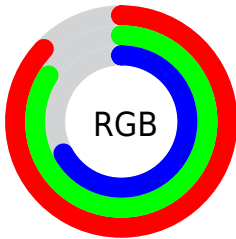
Format	Color
RYB	184, 223, 172
Decimal	14669228
CIELab	85.13, -3.04, 21.54
CIELCh	85, 21.753, 98.026
Yxy	66.2550, 0.3494, 0.3754
Android (android.graphics.Color)	4292859308 (0xFFDFD5AC)
YUV	211.3160, -19.3828, 10.2469
Hunter-Lab	81.3972, -7.2141, 21.5991

Details

The Yxy color $66.2550, 0.3494, 0.3754$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $47.5398, 0.2750, 0.2779$, and the grayscale version is $65.4821, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3814, 0.3286, 0.3552$, and $34.0253, 0.3575, 0.3855$ is the 20% darker color. If you saturate the color by 10%, you get $63.3090, 0.3669, 0.3962$, and if you desaturate by 10%, it is $69.4096, 0.3327, 0.3547$.

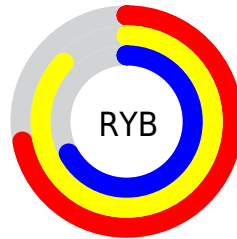
Distribution



Red (87%)

Green (84%)

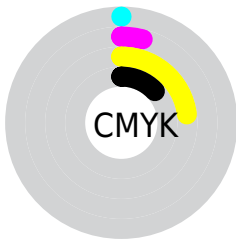
Blue (67%)



Red (72%)

Yellow (87%)

Blue (67%)

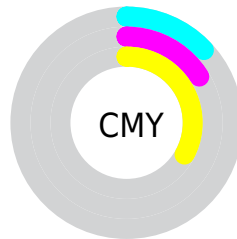


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (13%)



Cyan (13%)


Magenta (16%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2550, 0.3494, 0.3754 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 66.2550, 0.3494, 0.3754 by changing the saturation by 10% instead.


 66.2550, 0.3494,
0.3754

 66.2550, 0.3494,
0.3754


447.2883, 0.3323,
0.3535

 48.4794, 0.3533,
0.3805


 113.8522, 0.3434,
0.3677

 34.2067, 0.3582,
0.3868


144.4427, 0.3411,
0.3648

 23.0524, 0.3643,
0.3949


180.0736, 0.3391,
0.3622

 14.6322, 0.3722,
0.4055

221.1293, 0.3374,
0.3600

 8.5617, 0.3828,
0.4199

267.9943, 0.3359,
0.3581

 4.4564, 0.3976,
0.4405

321.0528, 0.3345,

 1.9320, 0.4325,

0.3564

0.4874

380.6894, 0.3333,
0.3548

■ 0.5675, 0.4505,
0.5495

■ 0.0000, 0.0000,
0.0000

■ 66.2550, 0.3494,
0.3754

■ 66.2550, 0.3494,
0.3754

■ 63.3090, 0.3669,
0.3962

■ 69.4096, 0.3327,
0.3547

■ 60.5550, 0.3846,
0.4163

■ 72.7710, 0.3170,
0.3346

■ 57.9878, 0.4020,
0.4348

■ 76.3489, 0.3025,
0.3155

■ 55.5983, 0.4184,
0.4506

■ 79.7440, 0.2928,
0.3037

■ 53.3766, 0.4330,
0.4628

■ 82.2058, 0.2929,
0.3082

■ 51.3109, 0.4450,
0.4706

■ 84.7286, 0.2931,
0.3128

■ 49.3875, 0.4541,
0.4737

■ 87.3130, 0.2932,
0.3173

■ 48.0851, 0.4592,
0.4736

■ 89.9594, 0.2933,
0.3217

■ 92.6681, 0.2934,
0.3262

Harmonies

Analogous

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



66.2550, 0.3643, 0.3626



66.2550, 0.3494, 0.3754



66.2550, 0.3249, 0.3754

Triad

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



66.2550, 0.3494, 0.3754



66.2550, 0.2632, 0.3123



66.2550, 0.3262, 0.2997

Complementary

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



66.2550, 0.3494, 0.3754



47.5398, 0.2750, 0.2779

Split Complementary

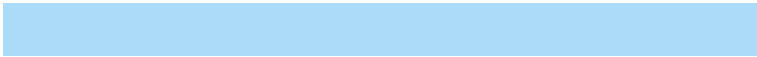
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2550, 0.2988, 0.2871



66.2550, 0.3494, 0.3754



66.2550, 0.2634, 0.2932

Square

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



66.2550, 0.3494, 0.3754



66.2550, 0.2755, 0.3375



66.2550, 0.2761, 0.2845



66.2550, 0.3508, 0.3193

Rectangle

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



66.2550, 0.3494, 0.3754



66.2550, 0.3067, 0.3674



66.2550, 0.2761, 0.2845



66.2550, 0.3170, 0.2945

Sweetspot

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



66.2580, 0.3494, 0.3754



96.6978, 0.3234, 0.3429



48.5770, 0.3503, 0.3172



20.6378, 0.3244, 0.3441



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.



66.2580, 0.3494, 0.3754



88.0458, 0.3569, 0.3845



69.1039, 0.3355, 0.3881



15.5505, 0.3272, 0.3477



28.4417, 0.4585, 0.4742



2.0892, 0.4513, 0.4798

Inverse Universe

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



47.5398, 0.2750, 0.2779



58.8033, 0.2670, 0.2666



45.4361, 0.2860, 0.2672



13.6747, 0.2981, 0.3096



4.2987, 0.1554, 0.0794



0.4227, 0.1630, 0.1067

Previews

White Background



This preview shows how the Yxy color 66.2550, 0.3494, 0.3754 looks on a white background.

Color Contrast Check

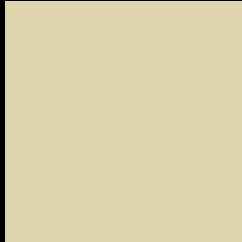
Large Text (above 18pt) WCAG AA × Fail

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 66.2550, 0.3494, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

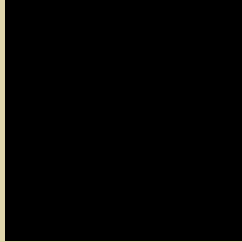
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

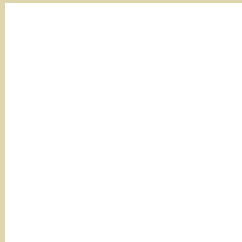
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2550, 0.3494, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 66.2550, 0.3494, 0.3754.

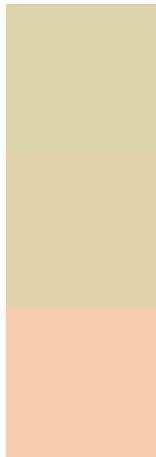


This preview shows how white text looks on a background with the Yxy color 66.2550, 0.3494, 0.3754.

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

66.2550, 0.3494, 0.3754

Protanopia

66.0731, 0.3513, 0.3741

Deuteranopia

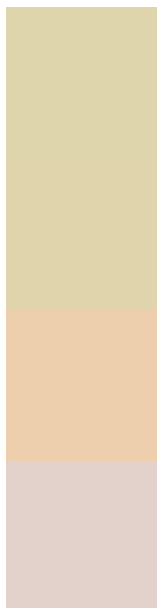
66.0159, 0.3697, 0.3611



Tritanopia

66.0746, 0.3188, 0.3118

Trichromacy



Original Color

66.2550, 0.3494, 0.3754

Protanomaly

65.9128, 0.3505, 0.3742

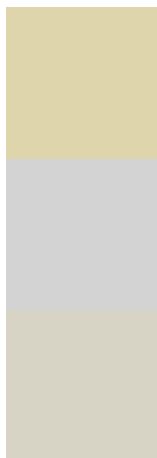
Deuteranomaly

65.8199, 0.3623, 0.3662

Tritanomaly

66.2915, 0.3299, 0.3346

Monochromacy



Original Color

66.2550, 0.3494, 0.3754

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5653, 0.3254, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2550, 0.3494, 0.3754 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, 213, 172)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 172)  
}
```

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, 213, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 172) }
```

Border

The CSS property to change the border of an element to Yxy 66.2550, 0.3494, 0.3754 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, 213, 172) }
```

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

```
.border{ border-color:rgb(223, 213, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 213, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 213, 172); box-shadow:4px 4px 4px 4px rgb(223, 213, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2550, 0.3494, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 172) }
```

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

```
.background{ background-color: rgb(223,  
213, 172) }
```

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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