

Converting Colors

$Yxy(66.5013, 0.3360, 0.3620)$

Have a look what the booklet for
Yxy(66.5013, 0.3360, 0.3620)
contains.

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Color

Yxy(66.5013, 0.3360, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	DAD6B9
RGB	218, 214, 185
RGB Percent	85%, 84%, 73%
CMY	0.1449, 0.1608, 0.2745
CMYK	0.00, 0.02, 0.15, 0.14
HSL	53°, 31%, 79%
HSV	53°, 15%, 86%
XYZ	61.7250, 66.5013, 55.4790
YIQ	211.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

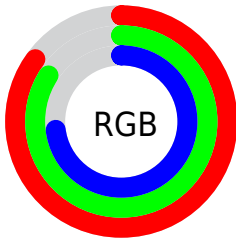
Format	Color
RYB	190, 218, 185
Decimal	14341817
CIELab	85.25, -3.44, 14.83
CIELCh	85, 15.223, 103.057
Yxy	66.5013, 0.3360, 0.3620
Android (android.graphics.Color)	4292531897 (0xFFDAD6B9)
YUV	211.8900, -13.2568, 5.3585
Hunter-Lab	81.5483, -7.6007, 16.7476

Details

The Yxy color **66.5013, 0.3360, 0.3620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7908, 0.2885, 0.2937**, and the grayscale version is **65.8500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **34.2487, 0.3417, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **64.3130, 0.3523, 0.3844**, and if you desaturate by 10%, it is **68.8589, 0.3204, 0.3400**.

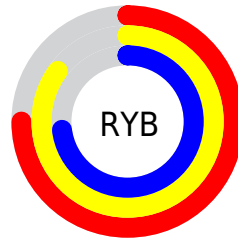
Distribution



Red (85%)

Green (84%)

Blue (73%)



Red (75%)

Yellow (85%)

Blue (73%)

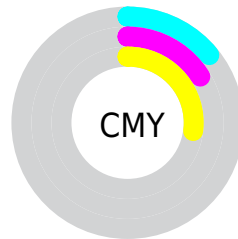


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (14%)



Cyan (14%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5013, 0.3360, 0.3620 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 66.5013, 0.3360, 0.3620 by changing the saturation by 10% instead.


 66.5013, 0.3360,
0.3620

 66.5013, 0.3360,
0.3620

448.1676, 0.3251,
0.3464

 48.6795, 0.3385,
0.3657

 114.2055, 0.3322,
0.3565

 34.3653, 0.3416,
0.3702


144.8567, 0.3307,
0.3544

 23.1744, 0.3456,
0.3761

180.5531, 0.3295,
0.3526

 14.7223, 0.3507,
0.3838

221.6792, 0.3284,
0.3510

 8.6247, 0.3578,
0.3946

268.6193, 0.3274,
0.3496

 4.4972, 0.3679,
0.4105

321.7577, 0.3266,

 1.9554, 0.3842,

0.3484

0.4368

381.4791, 0.3258,
0.3473

0.5814, 0.4463,
0.5537

0.0000, 0.0000,
0.0000

66.5013, 0.3360,
0.3620

66.5013, 0.3360,
0.3620

64.3130, 0.3523,
0.3844

68.8589, 0.3204,
0.3400

62.2785, 0.3688,
0.4066

71.3830, 0.3057,
0.3189

60.3939, 0.3850,
0.4278

74.0823, 0.2921,
0.2991

58.6515, 0.4004,
0.4469

75.8036, 0.2895,
0.2973

■ 57.0429, 0.4141,
0.4629

■ 77.2552, 0.2896,
0.3002

■ 55.5586, 0.4257,
0.4750

■ 78.7294, 0.2897,
0.3030

■ 54.1877, 0.4345,
0.4828

■ 80.2264, 0.2898,
0.3058

■ 52.9167, 0.4406,
0.4860

■ 81.7462, 0.2899,
0.3086

■ 52.3255, 0.4429,
0.4865

■ 83.2890, 0.2900,
0.3114

Harmonies

Analogous

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



66.5013, 0.3477, 0.3548



66.5013, 0.3360, 0.3620



66.5013, 0.3183, 0.3600

Triad

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



66.5013, 0.3360, 0.3620



66.5013, 0.2771, 0.3150



66.5013, 0.3254, 0.3103

Complementary

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



66.5013, 0.3360, 0.3620



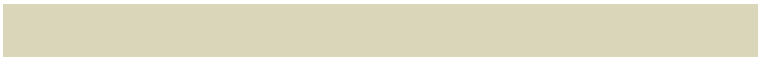
51.7908, 0.2885, 0.2937

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.



66.5013, 0.3063, 0.3003



66.5013, 0.3360, 0.3620



66.5013, 0.2788, 0.3024

Square

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



66.5013, 0.3360, 0.3620



66.5013, 0.2845, 0.3321



66.5013, 0.2893, 0.2973



66.5013, 0.3415, 0.3251

Rectangle

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



66.5013, 0.3360, 0.3620



66.5013, 0.3056, 0.3534



66.5013, 0.2893, 0.2973



66.5013, 0.3191, 0.3063

Sweetspot

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



66.5042, 0.3360, 0.3620



98.2141, 0.3202, 0.3398



53.2996, 0.3373, 0.3239



20.9692, 0.3213, 0.3413



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.



66.5042, 0.3360, 0.3620



93.8559, 0.3408, 0.3687



66.7764, 0.3262, 0.3675



14.9776, 0.3270, 0.3493



31.4431, 0.4425, 0.4869



2.1152, 0.4382, 0.4903

Inverse Universe

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



51.7908, 0.2885, 0.2937



69.2475, 0.2832, 0.2859



51.6460, 0.2977, 0.2898



12.8727, 0.2981, 0.3078



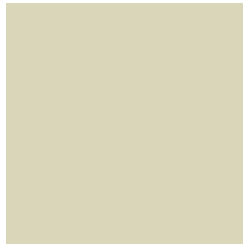
3.5773, 0.1527, 0.0695



0.3184, 0.1588, 0.0916

Previews

White Background



This preview shows how the Yxy color 66.5013, 0.3360, 0.3620 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 66.5013, 0.3360, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

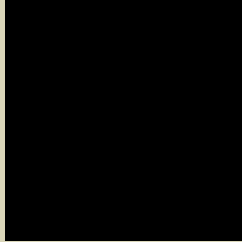
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

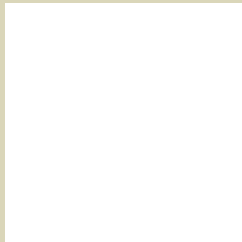
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5013, 0.3360, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 66.5013, 0.3360, 0.3620.



This preview shows how white text looks on a background with the Yxy color 66.5013, 0.3360, 0.3620.

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

66.5013, 0.3360, 0.3620

Protanopia

66.2356, 0.3409, 0.3606

Deuteranopia

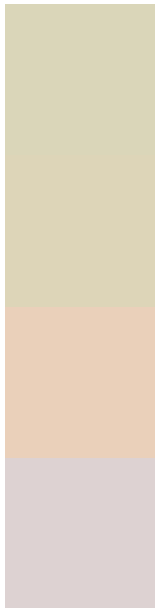
66.3052, 0.3561, 0.3484



Tritanopia

66.2360, 0.3121, 0.3105

Trichromacy



Original Color

66.5013, 0.3360, 0.3620

Protanomaly

66.4213, 0.3392, 0.3618

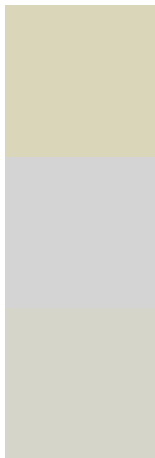
Deuteranomaly

66.1493, 0.3489, 0.3532

Tritanomaly

66.1185, 0.3210, 0.3290

Monochromacy



Original Color

66.5013, 0.3360, 0.3620

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1489, 0.3210, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5013, 0.3360, 0.3620 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(218, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 185)  
}
```

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(218, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 185) }
```

Border

The CSS property to change the border of an element to Yxy 66.5013, 0.3360, 0.3620 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(218, 214, 185) }
```

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

```
.border{ border-color:rgb(218, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5013, 0.3360, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 185) }
```

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

```
.background{ background-color: rgb(218,  
214, 185) }
```

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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