

Converting Colors

Yxy(68.7146, 0.3330, 0.3620)

Have a look what the booklet for
Yxy(68.7146, 0.3330, 0.3620)
contains.

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Color

Yxy(68.7224, 0.3325, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	DADABD
RGB	218, 218, 189
RGB Percent	85%, 85%, 74%
CMY	0.1453, 0.1450, 0.2589
CMYK	0.00, 0.00, 0.13, 0.15
HSL	60°, 28%, 80%
HSV	60°, 13%, 85%
XYZ	63.1570, 68.7224, 58.0664
YIQ	214.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

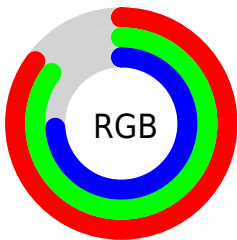
Format	Color
RYB	189, 218, 189
Decimal	14342845
CIELab	86.37, -4.92, 14.31
CIELCh	86, 15.129, 108.986
Yxy	68.7224, 0.3325, 0.3618
Android (android.graphics.Color)	4292532925 (0xFFDADABD)
YUV	214.6940, -12.6671, 2.8994
Hunter-Lab	82.8990, -9.0821, 16.4997

Details

The Yxy color **68.7224, 0.3325, 0.3618** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2738, 0.2916, 0.2940**, and the grayscale version is **67.8162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **35.7585, 0.3370, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **67.8405, 0.3477, 0.3870**, and if you desaturate by 10%, it is **69.7527, 0.3176, 0.3370**.

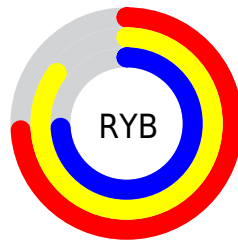
Distribution



Red (85%)

Green (85%)

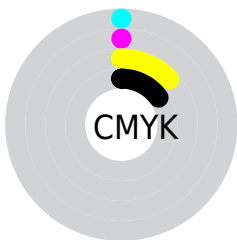
Blue (74%)



Red (74%)

Yellow (85%)

Blue (74%)

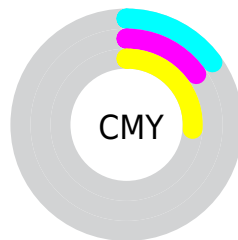


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.7224, 0.3325, 0.3618 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 68.7224, 0.3325, 0.3618 by changing the saturation by 10% instead.

 68.7224, 0.3325,
0.3618

 68.7224, 0.3325,
0.3618

456.0513, 0.3233,
0.3463

 50.4857, 0.3346,
0.3654


 117.3850, 0.3293,
0.3564

 35.7994, 0.3372,
0.3699


148.5796, 0.3281,
0.3543

 24.2793, 0.3404,
0.3757


184.8624, 0.3270,
0.3525

 15.5410, 0.3447,
0.3833

226.6176, 0.3261,
0.3509

 9.1999, 0.3504,
0.3939

274.2297, 0.3253,
0.3495

 4.8718, 0.3586,
0.4095

328.0831, 0.3246,

 2.1722, 0.3709,

0.3483

0.4346

388.5622, 0.3239,
0.3473

0.7048, 0.4382,
0.5618

0.0000, 0.0000,
0.0000

68.7224, 0.3325,
0.3618

68.7224, 0.3325,
0.3618

67.8405, 0.3477,
0.3870

69.7527, 0.3176,
0.3370

67.0916, 0.3626,
0.4117

70.9282, 0.3032,
0.3132


66.4718, 0.3767,
0.4352

72.2575, 0.2897,
0.2908

65.9739, 0.3895,
0.4564


72.3054, 0.2893,
0.2902


 65.5896, 0.4003,
0.4744


 72.3137, 0.2894,
0.2902


 65.3098, 0.4087,
0.4885


 72.3220, 0.2894,
0.2902


 65.1240, 0.4145,
0.4982

 72.3303, 0.2894,
0.2902

 65.0194, 0.4178,
0.5037

 72.3386, 0.2895,
0.2902

 64.9806, 0.4189,
0.5056

 72.3469, 0.2895,
0.2902

Harmonies

Analogous

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



68.7224, 0.3455, 0.3564



68.7224, 0.3325, 0.3618



68.7224, 0.3145, 0.3579

Triad

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



68.7224, 0.3325, 0.3618



68.7224, 0.2773, 0.3123



68.7224, 0.3288, 0.3132

Complementary

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



68.7224, 0.3325, 0.3618



52.2738, 0.2916, 0.2940

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.



68.7224, 0.3101, 0.3022



68.7224, 0.3325, 0.3618



68.7224, 0.2808, 0.3013

Square

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



68.7224, 0.3325, 0.3618



68.7224, 0.2829, 0.3286



68.7224, 0.2926, 0.2978



68.7224, 0.3434, 0.3283

Rectangle

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



68.7224, 0.3325, 0.3618



68.7224, 0.3021, 0.3504



68.7224, 0.2926, 0.2978



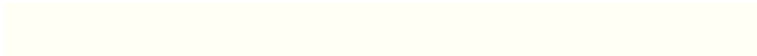
68.7224, 0.3227, 0.3089

Sweetspot

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



68.7254, 0.3325, 0.3618



99.3556, 0.3186, 0.3388



54.9676, 0.3370, 0.3291



21.2411, 0.3197, 0.3406



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.



68.7254, 0.3325, 0.3618



97.6262, 0.3368, 0.3689



66.5944, 0.3217, 0.3629



15.2622, 0.3266, 0.3521



38.9219, 0.4189, 0.5056



2.5221, 0.4190, 0.5055

Inverse Universe

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



52.2738, 0.2916, 0.2940



69.7558, 0.2866, 0.2858



54.2155, 0.3027, 0.2951



12.6187, 0.2981, 0.3048



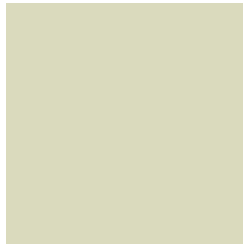
3.0354, 0.1501, 0.0601



0.1972, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 68.7224, 0.3325, 0.3618 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 68.7224, 0.3325, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

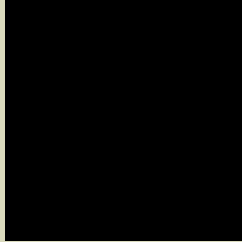
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

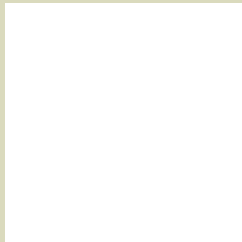
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7224, 0.3325, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 68.7224, 0.3325, 0.3618.



This preview shows how white text looks on a background with the Yxy color 68.7224, 0.3325, 0.3618.

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

68.7224, 0.3325, 0.3618

Protanopia

68.4005, 0.3398, 0.3590

Deuteranopia

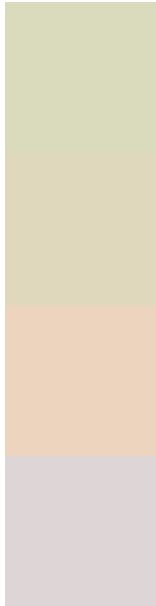
68.4662, 0.3547, 0.3471



Tritanopia

68.5914, 0.3099, 0.3107

Trichromacy



Original Color

68.7224, 0.3325, 0.3618

Protanomaly

68.4305, 0.3374, 0.3603

Deuteranomaly

68.6375, 0.3467, 0.3529

Tritanomaly

68.4778, 0.3186, 0.3290

Monochromacy



Original Color

68.7224, 0.3325, 0.3618

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1669, 0.3195, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7224, 0.3325, 0.3618 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, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 189)  
}
```

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, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 189) }
```

Border

The CSS property to change the border of an element to Yxy 68.7224, 0.3325, 0.3618 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, 218, 189) }
```

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

```
.border{ border-color:rgb(218, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7224, 0.3325, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 189) }
```

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

```
.background{ background-color: rgb(218,  
218, 189) }
```

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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