

Converting Colors

Yxy(63.4992, 0.3441, 0.3715)

Have a look what the booklet for
Yxy(63.4992, 0.3441, 0.3715)
contains.

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Color

Yxy(63.7092, 0.3438, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	D8D2AD
RGB	216, 210, 173
RGB Percent	85%, 82%, 68%
CMY	0.1529, 0.1765, 0.3215
CMYK	0.00, 0.03, 0.20, 0.15
HSL	52°, 36%, 76%
HSV	52°, 20%, 85%
XYZ	58.9113, 63.7092, 48.7329
YIQ	207.5760, 15.4530, -10.2350

Conversions

Conversions Part 2

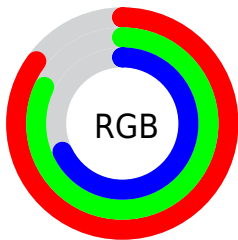
Format	Color
R _{YB}	180, 216, 173
Decimal	14209709
CIE _{Lab}	83.81, -3.93, 19.11
CIE _{LCh}	84, 19.507, 101.609
Yxy	63.7092, 0.3438, 0.3718
Android (android.graphics.Color)	4292399789 (0xFFD8D2AD)
YUV	207.5760, -17.0460, 7.3878
Hunter-Lab	79.8180, -7.9361, 19.6731

Details

The Yxy color **63.7092, 0.3438, 0.3718** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.0930, 0.2802, 0.2822**, and the grayscale version is **62.8954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **32.7345, 0.3509, 0.3824** is the 20% darker color. If you saturate the color by 10%, you get **61.4655, 0.3604, 0.3938**, and if you desaturate by 10%, it is **66.1219, 0.3277, 0.3499**.

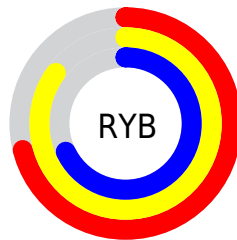
Distribution



Red (85%)

Green (82%)

Blue (68%)



Red (71%)

Yellow (85%)

Blue (68%)

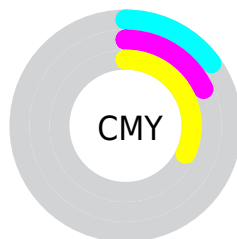


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7092, 0.3438, 0.3718 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 63.7092, 0.3438, 0.3718 by changing the saturation by 10% instead.

 63.7092, 0.3438,
0.3718

 63.7092, 0.3438,
0.3718

438.1388, 0.3292,
0.3514

 46.4152, 0.3472,
0.3766


 110.1920, 0.3387,
0.3646

 32.5736, 0.3514,
0.3826


140.1496, 0.3367,
0.3618

 21.8000, 0.3567,
0.3903


175.0972, 0.3350,
0.3595

 13.7100, 0.3636,
0.4006

215.4192, 0.3336,
0.3574

 7.9192, 0.3730,
0.4148

261.4999, 0.3323,
0.3556

 4.0433, 0.3862,
0.4356

313.7238, 0.3311,

 1.6978, 0.4204,

0.3540

0.4854

372.4753, 0.3301,
0.3526

0.4222, 0.4198,
0.5802

0.0000, 0.0000,
0.0000

63.7092, 0.3438,
0.3718

63.7092, 0.3438,
0.3718

61.4655, 0.3604,
0.3938

66.1219, 0.3277,
0.3499

59.3757, 0.3772,
0.4153

68.7012, 0.3126,
0.3288

57.4354, 0.3934,
0.4353

71.4559, 0.2985,
0.3088

55.6368, 0.4086,
0.4528

74.1037, 0.2881,
0.2944

■ 53.9711, 0.4219,
0.4669

■ 75.7224, 0.2882,
0.2976

■ 52.4285, 0.4328,
0.4768

■ 77.3700, 0.2883,
0.3009

■ 50.9971, 0.4409,
0.4822

■ 79.0466, 0.2885,
0.3041

■ 49.6562, 0.4465,
0.4836

■ 80.7524, 0.2886,
0.3073

■ 49.6437, 0.4466,
0.4836

■ 82.4875, 0.2887,
0.3105

Harmonies

Analogous

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



63.7092, 0.3586, 0.3616



63.7092, 0.3438, 0.3718



63.7092, 0.3209, 0.3701

Triad

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



63.7092, 0.3438, 0.3718



63.7092, 0.2669, 0.3115



63.7092, 0.3280, 0.3041

Complementary

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



63.7092, 0.3438, 0.3718



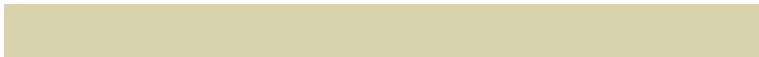
46.0930, 0.2802, 0.2822

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.



63.7092, 0.3030, 0.2917



63.7092, 0.3438, 0.3718



63.7092, 0.2685, 0.2950

Square

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



63.7092, 0.3438, 0.3718



63.7092, 0.2770, 0.3340



63.7092, 0.2815, 0.2882



63.7092, 0.3494, 0.3227

Rectangle

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



63.7092, 0.3438, 0.3718



63.7092, 0.3044, 0.3619



63.7092, 0.2815, 0.2882



63.7092, 0.3197, 0.2991

Sweetspot

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



63.7120, 0.3438, 0.3718



97.6968, 0.3218, 0.3417



47.7660, 0.3462, 0.3214



20.8587, 0.3228, 0.3431



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.



63.7120, 0.3438, 0.3718



91.3300, 0.3509, 0.3813



64.5468, 0.3309, 0.3802



14.2102, 0.3270, 0.3489



29.5003, 0.4461, 0.4840



1.8626, 0.4408, 0.4882

Inverse Universe

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



46.0930, 0.2802, 0.2822



61.0697, 0.2723, 0.2706



45.5497, 0.2917, 0.2763



12.2858, 0.2982, 0.3083



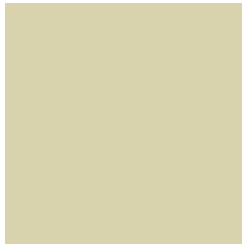
3.5827, 0.1533, 0.0717



0.3085, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 63.7092, 0.3438, 0.3718 looks on a white background.

Color Contrast Check

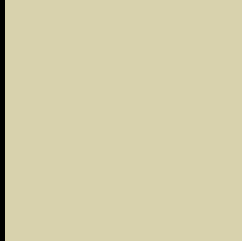
Large Text (above 18pt) WCAG AA × Fail

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 63.7092, 0.3438, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

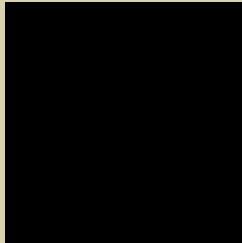
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

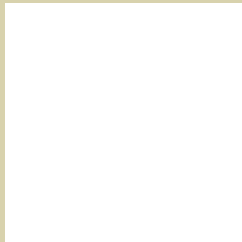
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7092, 0.3438, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 63.7092, 0.3438, 0.3718.



This preview shows how white text looks on a background with the Yxy color 63.7092, 0.3438, 0.3718.

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

63.7092, 0.3438, 0.3718

Protanopia

63.4625, 0.3490, 0.3702

Deuteranopia

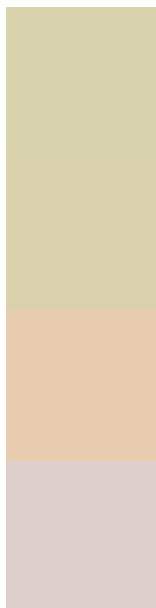
63.5692, 0.3649, 0.3574



Tritanopia

63.8826, 0.3151, 0.3114

Trichromacy



Original Color

63.7092, 0.3438, 0.3718

Protanomaly

63.6396, 0.3472, 0.3716

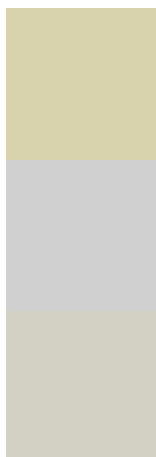
Deuteranomaly

63.3975, 0.3574, 0.3625

Tritanomaly

63.6701, 0.3256, 0.3324

Monochromacy



Original Color

63.7092, 0.3438, 0.3718

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3899, 0.3241, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7092, 0.3438, 0.3718 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(216, 210, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 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(216, 210, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 173) }
```

Border

The CSS property to change the border of an element to Yxy 63.7092, 0.3438, 0.3718 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(216, 210, 173) }
```

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

```
.border{ border-color:rgb(216, 210, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 210, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7092, 0.3438, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 173) }
```

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

```
.background{ background-color: rgb(216,  
210, 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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