

Converting Colors

$Yxy(70.5773, 0.3477, 0.3825)$

Have a look what the booklet for
Yxy(70.5773, 0.3477, 0.3825)
contains.

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Color

Yxy(70.5773, 0.3477, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	E0DDAD
RGB	224, 221, 173
RGB Percent	88%, 87%, 68%
CMY	0.1213, 0.1334, 0.3215
CMYK	0.00, 0.01, 0.23, 0.12
HSL	56°, 45%, 78%
HSV	56°, 23%, 88%
XYZ	64.1561, 70.5773, 49.7824
YIQ	216.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

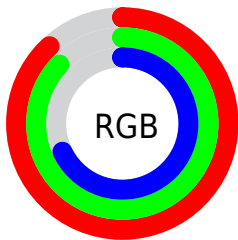
Format	Color
RYB	176, 224, 173
Decimal	14736813
CIELab	87.28, -6.57, 23.99
CIELCh	87, 24.874, 105.310
Yxy	70.5773, 0.3477, 0.3825
Android (android.graphics.Color)	4292926893 (0xFFE0DDAD)
YUV	216.4250, -21.4085, 6.6433
Hunter-Lab	84.0103, -10.7029, 23.6735

Details

The Yxy color **70.5773, 0.3477, 0.3825** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.3600, 0.2745, 0.2692**, and the grayscale version is **69.1227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **36.9533, 0.3556, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **69.0727, 0.3635, 0.4061**, and if you desaturate by 10%, it is **72.2394, 0.3320, 0.3587**.

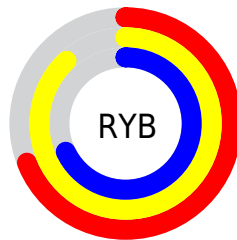
Distribution



Red (88%)

Green (87%)

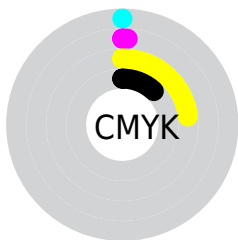
Blue (68%)



Red (69%)

Yellow (88%)

Blue (68%)

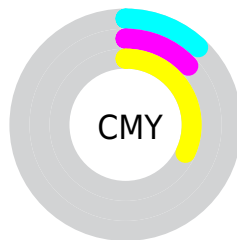


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (12%)



Cyan (12%)


Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5773, 0.3477, 0.3825 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 70.5773, 0.3477, 0.3825 by changing the saturation by 10% instead.

 70.5773, 0.3477,
0.3825

 70.5773, 0.3477,
0.3825


462.5744, 0.3317,
0.3574

 51.9973, 0.3513,
0.3883

 120.0317, 0.3422,
0.3737

 37.0029, 0.3557,
0.3955


151.6748, 0.3400,
0.3703

 25.2098, 0.3611,
0.4046


188.4412, 0.3382,
0.3674

 16.2334, 0.3680,
0.4166

230.7151, 0.3365,
0.3649

 9.6895, 0.3771,
0.4328

278.8810, 0.3351,
0.3626

 5.1936, 0.3891,
0.4559

333.3232, 0.3338,

 2.3613, 0.4134,

0.3607

0.5006

394.4262, 0.3327,
0.3589

0.8059, 0.4291,
0.5709

0.0000, 0.0000,
0.0000

70.5773, 0.3477,
0.3825

70.5773, 0.3477,
0.3825

69.0727, 0.3635,
0.4061

72.2394, 0.3320,
0.3587

67.7089, 0.3787,
0.4287

74.0564, 0.3168,
0.3353

66.4812, 0.3929,
0.4493

76.0377, 0.3024,
0.3130

65.3809, 0.4054,
0.4668

77.6874, 0.2934,
0.2995

■ 64.3983, 0.4157,
0.4806

■ 78.4280, 0.2935,
0.3009

■ 63.5222, 0.4233,
0.4899

■ 79.1745, 0.2935,
0.3023

■ 62.7390, 0.4282,
0.4949

■ 79.9268, 0.2935,
0.3038

■ 62.2158, 0.4304,
0.4964

■ 80.6850, 0.2936,
0.3052

■ 81.4490, 0.2936,
0.3066

Harmonies

Analogous

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



70.5773, 0.3678, 0.3709



70.5773, 0.3477, 0.3825



70.5773, 0.3188, 0.3788

Triad

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



70.5773, 0.3477, 0.3825



70.5773, 0.2562, 0.3040



70.5773, 0.3351, 0.3010

Complementary

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



70.5773, 0.3477, 0.3825



45.3600, 0.2745, 0.2692

Split Complementary

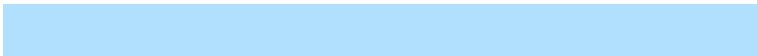
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.5773, 0.3043, 0.2849



70.5773, 0.3477, 0.3825



70.5773, 0.2599, 0.2855

Square

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



70.5773, 0.3477, 0.3825



70.5773, 0.2666, 0.3313



70.5773, 0.2771, 0.2790



70.5773, 0.3606, 0.3241

Rectangle

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



70.5773, 0.3477, 0.3825



70.5773, 0.2986, 0.3674



70.5773, 0.2771, 0.2790



70.5773, 0.3249, 0.2947

Sweetspot

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



70.5805, 0.3477, 0.3825



98.2173, 0.3232, 0.3452



48.9016, 0.3563, 0.3252



20.9907, 0.3241, 0.3466



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.



70.5805, 0.3477, 0.3825



93.7070, 0.3547, 0.3930



68.9143, 0.3304, 0.3888



15.8803, 0.3269, 0.3508



36.2512, 0.4302, 0.4966



2.5564, 0.4284, 0.4981

Inverse Universe

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



45.3600, 0.2745, 0.2692



54.6385, 0.2660, 0.2558



46.8982, 0.2915, 0.2683



13.3754, 0.2981, 0.3062



3.3635, 0.1511, 0.0640



0.2807, 0.1543, 0.0754

Previews

White Background



This preview shows how the Yxy color 70.5773, 0.3477, 0.3825 looks on a white background.

Color Contrast Check

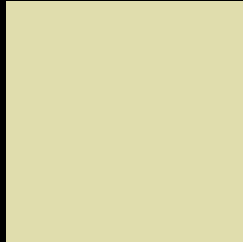
Large Text (above 18pt) WCAG AA × Fail

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 70.5773, 0.3477, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

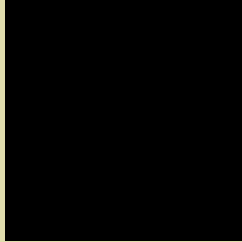
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

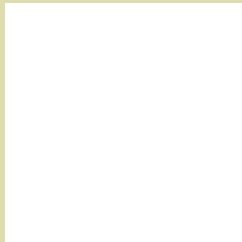
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5773, 0.3477, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 70.5773, 0.3477, 0.3825.



This preview shows how white text looks on a background with the Yxy color 70.5773, 0.3477, 0.3825.

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

70.5773, 0.3477, 0.3825

Protanopia

70.4450, 0.3561, 0.3793

Deuteranopia

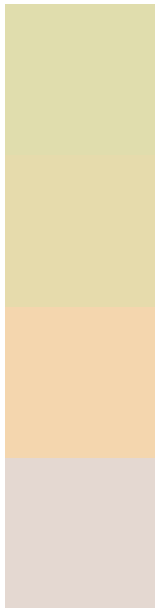
70.4483, 0.3735, 0.3653



Tritanopia

70.2906, 0.3143, 0.3110

Trichromacy



Original Color

70.5773, 0.3477, 0.3825

Protanomaly

70.4646, 0.3535, 0.3808

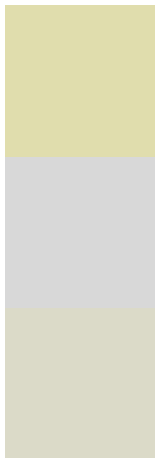
Deuteranomaly

70.3822, 0.3643, 0.3717

Tritanomaly

70.2092, 0.3263, 0.3366

Monochromacy



Original Color

70.5773, 0.3477, 0.3825

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.3730, 0.3257, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5773, 0.3477, 0.3825 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(224, 221, 173)` looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 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(224, 221, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 173) }
```

Border

The CSS property to change the border of an element to Yxy 70.5773, 0.3477, 0.3825 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(224, 221, 173) }
```

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

```
.border{ border-color:rgb(224, 221, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 221, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 173);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
173) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.5773, 0.3477, 0.3825$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 173) }
```

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

```
.background{ background-color: rgb(224,  
221, 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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