

Converting Colors

$Yxy(70.1697, 0.3422, 0.3737)$

Have a look what the booklet for
Yxy(70.1697, 0.3422, 0.3737)
contains.

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Color

Yxy(70.1697, 0.3422, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	DFDCB4
RGB	223, 220, 180
RGB Percent	87%, 86%, 71%
CMY	0.1256, 0.1372, 0.2941
CMYK	0.00, 0.01, 0.19, 0.13
HSL	56°, 40%, 79%
HSV	56°, 19%, 87%
XYZ	64.2549, 70.1697, 53.3455
YIQ	216.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

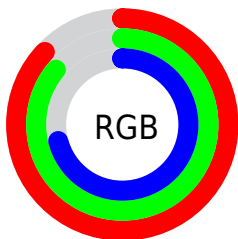
Format	Color
R _{YB}	183, 223, 180
Decimal	14671028
CIE Lab	87.08, -5.48, 20.06
CIE LCh	87, 20.793, 105.293
Yxy	70.1697, 0.3422, 0.3737
Android (android.graphics.Color)	4292861108 (0xFFDFDCB4)
YUV	216.3370, -17.9141, 5.8435
Hunter-Lab	83.7674, -9.6719, 20.8795

Details

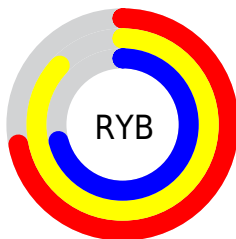
The Yxy color **70.1697, 0.3422, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8817, 0.2810, 0.2800**, and the grayscale version is **69.0272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **36.6581, 0.3487, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **68.5371, 0.3581, 0.3973**, and if you desaturate by 10%, it is **71.9621, 0.3266, 0.3502**.

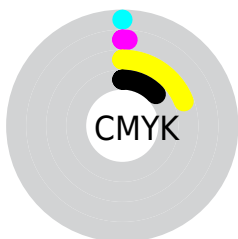
Distribution



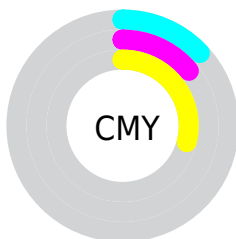
- Red (87%)
- Green (86%)
- Blue (71%)



- Red (72%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1697, 0.3422, 0.3737 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 70.1697, 0.3422, 0.3737 by changing the saturation by 10% instead.


 70.1697, 0.3422,
0.3737

 70.1697, 0.3422,
0.3737

461.1456, 0.3286,
0.3527

 51.6649, 0.3453,
0.3786


 119.4507, 0.3375,
0.3663

 36.7380, 0.3490,
0.3846

150.9957, 0.3357,
0.3635

 25.0047, 0.3538,
0.3923


187.6563, 0.3341,
0.3611

 16.0806, 0.3598,
0.4024

229.8167, 0.3327,
0.3589

 9.5812, 0.3679,
0.4163

277.8615, 0.3315,
0.3571

 5.1222, 0.3790,
0.4363

332.1750, 0.3304,

 2.3191, 0.3971,

0.3554

0.4699

393.1415, 0.3295,
0.3540

0.7838, 0.4381,
0.5619

0.0000, 0.0000,
0.0000

70.1697, 0.3422,
0.3737

70.1697, 0.3422,
0.3737

68.5371, 0.3581,
0.3973

71.9621, 0.3266,
0.3502

67.0479, 0.3737,
0.4202

73.9114, 0.3116,
0.3273

65.6976, 0.3885,
0.4415

76.0268, 0.2976,
0.3057

64.4780, 0.4019,
0.4601

77.3655, 0.2927,
0.2992

63.3799, 0.4132,
0.4752

78.2012, 0.2928,
0.3008

62.3927, 0.4220,
0.4861

79.0443, 0.2928,
0.3024

61.5041, 0.4281,
0.4925

79.8948, 0.2928,
0.3040

60.6941, 0.4318,
0.4951

80.7528, 0.2929,
0.3056

60.6354, 0.4320,
0.4952

81.6183, 0.2929,
0.3072

Harmonies

Analogous

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



70.1697, 0.3588, 0.3644



70.1697, 0.3422, 0.3737



70.1697, 0.3180, 0.3703

Triad

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



70.1697, 0.3422, 0.3737



70.1697, 0.2651, 0.3083



70.1697, 0.3315, 0.3054

Complementary

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



70.1697, 0.3422, 0.3737



48.8817, 0.2810, 0.2800

Split Complementary

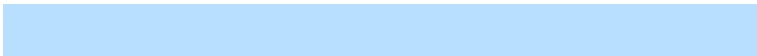
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1697, 0.3058, 0.2916



70.1697, 0.3422, 0.3737



70.1697, 0.2682, 0.2925

Square

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



70.1697, 0.3422, 0.3737



70.1697, 0.2740, 0.3311



70.1697, 0.2828, 0.2868



70.1697, 0.3527, 0.3251

Rectangle

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



70.1697, 0.3422, 0.3737



70.1697, 0.3011, 0.3609



70.1697, 0.2828, 0.2868



70.1697, 0.3231, 0.3000

Sweetspot

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



70.1728, 0.3422, 0.3737



98.3860, 0.3217, 0.3427



51.7748, 0.3474, 0.3250



21.0221, 0.3227, 0.3442



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.



70.1728, 0.3422, 0.3737



94.2429, 0.3484, 0.3830



69.0390, 0.3283, 0.3789



15.8602, 0.3269, 0.3506



35.7350, 0.4318, 0.4954



2.5260, 0.4297, 0.4970

Inverse Universe

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



48.8817, 0.2810, 0.2800



60.4833, 0.2738, 0.2686



49.9684, 0.2947, 0.2784



13.3934, 0.2981, 0.3064



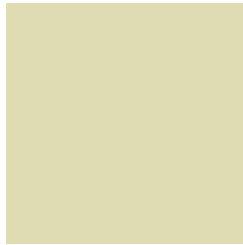
3.3971, 0.1513, 0.0645



0.2892, 0.1548, 0.0774

Previews

White Background



This preview shows how the Yxy color 70.1697, 0.3422, 0.3737 looks on a white background.

Color Contrast Check

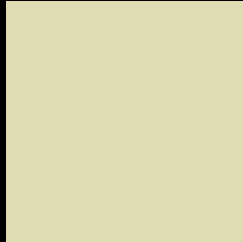
Large Text (above 18pt) WCAG AA × Fail

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 70.1697, 0.3422, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

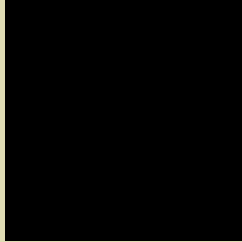
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

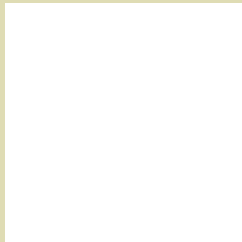
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1697, 0.3422, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 70.1697, 0.3422, 0.3737.



This preview shows how white text looks on a background with the Yxy color 70.1697, 0.3422, 0.3737.

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

70.1697, 0.3422, 0.3737

Protanopia

70.3864, 0.3495, 0.3718

Deuteranopia

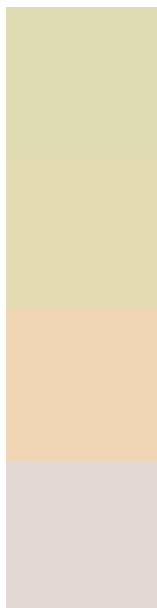
70.1660, 0.3658, 0.3583



Tritanopia

70.1247, 0.3136, 0.3110

Trichromacy



Original Color

70.1697, 0.3422, 0.3737

Protanomaly

70.4117, 0.3470, 0.3732

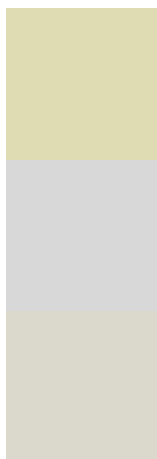
Deuteranomaly

70.1301, 0.3568, 0.3645

Tritanomaly

70.1961, 0.3235, 0.3334

Monochromacy



Original Color

70.1697, 0.3422, 0.3737

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9976, 0.3237, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1697, 0.3422, 0.3737 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, 220, 180)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 180)  
}
```

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, 220, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 180) }
```

Border

The CSS property to change the border of an element to Yxy 70.1697, 0.3422, 0.3737 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, 220, 180) }
```

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

```
.border{ border-color:rgb(223, 220, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 180);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1697, 0.3422, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 180) }
```

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

```
.background{ background-color: rgb(223,  
220, 180) }
```

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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