

Converting Colors

$Yxy(72.3718, 0.3306, 0.3621)$

Have a look what the booklet for
Yxy(72.3718, 0.3306, 0.3621)
contains.

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Color

Yxy(72.5785, 0.3305, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0C2
RGB	221, 224, 194
RGB Percent	87%, 88%, 76%
CMY	0.1334, 0.1215, 0.2393
CMYK	0.01, 0.00, 0.13, 0.12
HSL	66°, 33%, 82%
HSV	66°, 13%, 88%
XYZ	66.2081, 72.5785, 61.5405
YIQ	219.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

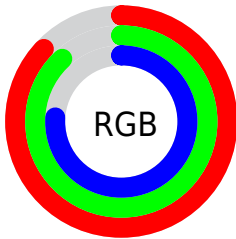
Format	Color
RYB	194, 224, 197
Decimal	14540994
CIELab	88.25, -6.11, 14.38
CIELCh	88, 15.619, 113.024
Yxy	72.5785, 0.3305, 0.3623
Android (android.graphics.Color)	4292731074 (0xFFDDE0C2)
YUV	219.6830, -12.6617, 1.1550
Hunter-Lab	85.1930, -10.3658, 16.8061

Details

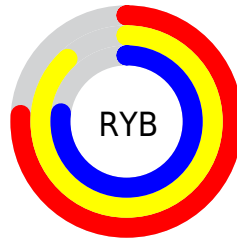
The Yxy color **72.5785, 0.3305, 0.3623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8215, 0.2936, 0.2939**, and the grayscale version is **71.4235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **38.3764, 0.3350, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **71.2995, 0.3440, 0.3880**, and if you desaturate by 10%, it is **74.0203, 0.3172, 0.3373**.

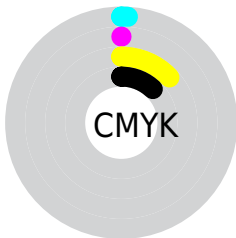
Distribution



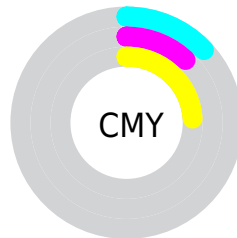
- Red (87%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5785, 0.3305, 0.3623 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 72.5785, 0.3305, 0.3623 by changing the saturation by 10% instead.

■ 72.5785, 0.3305,
0.3623

■ 72.5785, 0.3305,
0.3623

■ 469.5527, 0.3224,
0.3467

■ 53.6314, 0.3323,
0.3659

■ 122.8787, 0.3277,
0.3568

■ 38.3070, 0.3346,
0.3704

■ 155.0005, 0.3266,
0.3547

■ 26.2211, 0.3374,
0.3761

■ 192.2826, 0.3257,
0.3529

■ 16.9891, 0.3410,
0.3837

■ 235.1096, 0.3248,
0.3514

■ 10.2267, 0.3459,
0.3940

■ 283.8656, 0.3241,
0.3500

■ 5.5495, 0.3527,
0.4092

■ 338.9352, 0.3235,

■ 2.5732, 0.3627,

0.3488

0.4331

400.7028, 0.3229,
0.3477

■ 0.9132, 0.4404,
0.5596

■ 0.0000, 0.0000,
0.0000

■ 72.5785, 0.3305,
0.3623

■ 72.5785, 0.3305,
0.3623

■ 71.2995, 0.3440,
0.3880

■ 74.0203, 0.3172,
0.3373

■ 70.1670, 0.3571,
0.4138

■ 75.6217, 0.3043,
0.3135

■ 69.1769, 0.3695,
0.4386

■ 76.9878, 0.2958,
0.2972

■ 68.3212, 0.3804,
0.4614

■ 77.3572, 0.2973,
0.2973

67.5911, 0.3895,
0.4813

77.7315, 0.2988,
0.2975

66.9770, 0.3961,
0.4974

78.1106, 0.3003,
0.2976

66.4674, 0.4002,
0.5091

78.4945, 0.3018,
0.2978

66.0487, 0.4017,
0.5164

78.8833, 0.3033,
0.2979

65.8079, 0.4016,
0.5193

79.2769, 0.3048,
0.2981

Harmonies

Analogous

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



72.5785, 0.3446, 0.3580



72.5785, 0.3305, 0.3623



72.5785, 0.3119, 0.3571

Triad

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



72.5785, 0.3305, 0.3623



72.5785, 0.2767, 0.3102



72.5785, 0.3313, 0.3149

Complementary

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



72.5785, 0.3305, 0.3623



55.8215, 0.2936, 0.2939

Split Complementary

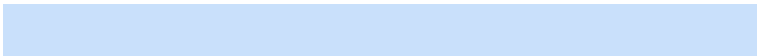
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5785, 0.3126, 0.3030



72.5785, 0.3305, 0.3623



72.5785, 0.2815, 0.2999

Square

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



72.5785, 0.3305, 0.3623



72.5785, 0.2812, 0.3262



72.5785, 0.2945, 0.2975



72.5785, 0.3452, 0.3305

Rectangle

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



72.5785, 0.3305, 0.3623



72.5785, 0.2996, 0.3488



72.5785, 0.2945, 0.2975



72.5785, 0.3254, 0.3103

Sweetspot

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



72.5817, 0.3305, 0.3623



99.1668, 0.3180, 0.3388



59.6638, 0.3368, 0.3325



21.1931, 0.3190, 0.3407



0.0000, 0.0000, 0.0000



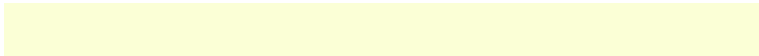
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5817, 0.3305, 0.3623



96.8771, 0.3341, 0.3692



70.3301, 0.3196, 0.3634



15.9560, 0.3252, 0.3523



38.3301, 0.4019, 0.5191



2.6773, 0.4047, 0.5168

Inverse Universe

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



55.8215, 0.2936, 0.2939



70.3652, 0.2893, 0.2861



57.9493, 0.3049, 0.2951



13.3088, 0.2996, 0.3049



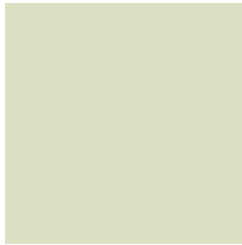
3.2579, 0.1536, 0.0620



0.2485, 0.1626, 0.0669

Previews

White Background



This preview shows how the Yxy color 72.5785, 0.3305, 0.3623 looks on a white background.

Color Contrast Check

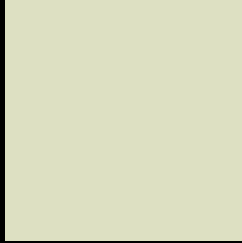
Large Text (above 18pt) WCAG AA × Fail

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 72.5785, 0.3305, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

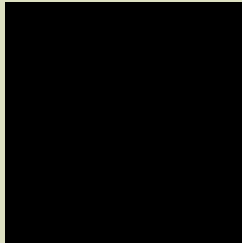
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

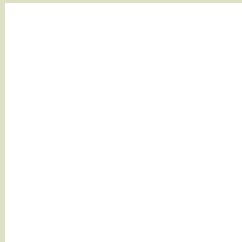
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5785, 0.3305, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 72.5785, 0.3305, 0.3623.



This preview shows how white text looks on a background with the Yxy color 72.5785, 0.3305, 0.3623.

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

72.5785, 0.3305, 0.3623

Protanopia

72.6745, 0.3405, 0.3605

Deuteranopia

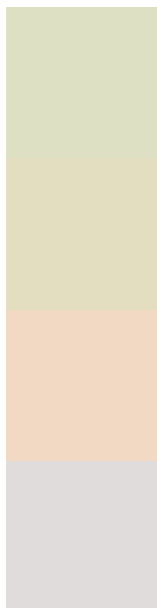
72.2695, 0.3545, 0.3467



Tritanopia

72.4719, 0.3079, 0.3110

Trichromacy



Original Color

72.5785, 0.3305, 0.3623

Protanomaly

72.5868, 0.3367, 0.3607

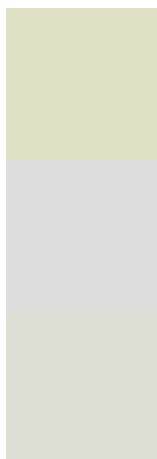
Deuteranomaly

72.2666, 0.3460, 0.3524

Tritanomaly

72.3613, 0.3163, 0.3290

Monochromacy



Original Color

72.5785, 0.3305, 0.3623

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6317, 0.3186, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5785, 0.3305, 0.3623 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(221, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 194)  
}
```

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(221, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 194) }
```

Border

The CSS property to change the border of an element to Yxy 72.5785, 0.3305, 0.3623 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(221, 224, 194) }
```

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

```
.border{ border-color:rgb(221, 224, 194) }
```

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

Here you see how a box with a 4 pixel rgb(221, 224, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5785, 0.3305, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 194) }
```

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

```
.background{ background-color: rgb(221,  
224, 194) }
```

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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