

Converting Colors

$Yxy(72.8369, 0.3441, 0.3506)$

Have a look what the booklet for
Yxy(72.8369, 0.3441, 0.3506)
contains.

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Color

Yxy(72.9208, 0.3436, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	F1DAC6
RGB	241, 218, 198
RGB Percent	95%, 85%, 78%
CMY	0.0551, 0.1450, 0.2236
CMYK	0.00, 0.10, 0.18, 0.06
HSL	28°, 60%, 86%
HSV	28°, 18%, 94%
XYZ	71.5261, 72.9208, 63.7198
YIQ	222.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

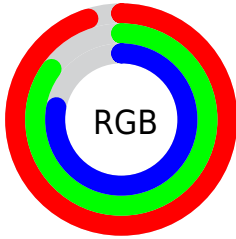
Format	Color
R _Y B	241, 235, 198
Decimal	15850182
CIE Lab	88.41, 4.75, 12.73
CIE LCh	88, 13.585, 69.541
Yxy	72.9208, 0.3436, 0.3503
Android (android.graphics.Color)	4294040262 (0xFFF1DAC6)
YUV	222.5970, -12.1263, 16.1394
Hunter-Lab	85.3937, 0.0734, 15.5340

Details

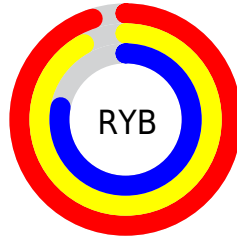
The Yxy color **72.9208, 0.3436, 0.3503** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0174, 0.2847, 0.3067**, and the grayscale version is **73.5656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5223, 0.3516, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **65.4865, 0.3645, 0.3630**, and if you desaturate by 10%, it is **81.0558, 0.3253, 0.3381**.

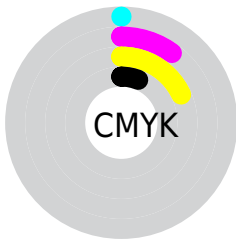
Distribution



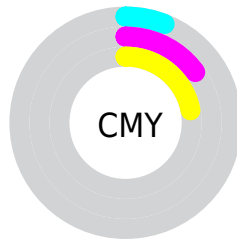
- Red (95%)
- Green (85%)
- Blue (78%)



- Red (95%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9208, 0.3436, 0.3503 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 72.9208, 0.3436, 0.3503 by changing the saturation by 10% instead.


 72.9208, 0.3436,
0.3503

 72.9208, 0.3436,
0.3503


470.7403, 0.3292,
0.3406

 53.9112, 0.3469,
0.3525


123.3648, 0.3386,
0.3470

 38.5307, 0.3510,
0.3552


155.5679, 0.3367,
0.3456

 26.3948, 0.3561,
0.3585


192.9377, 0.3350,
0.3445

 17.1192, 0.3629,
0.3629

235.8586, 0.3336,
0.3435

 10.3195, 0.3721,
0.3687

284.7149, 0.3323,
0.3427

 5.6113, 0.3854,
0.3768

339.8910, 0.3312,

 2.6102, 0.4061,

0.3419

0.3887

401.7713, 0.3301,
0.3412

■ 0.9318, 0.4892,
0.4509

■ 0.0000, 0.0000,
0.0000

■ 72.9208, 0.3436,
0.3503

■ 72.9208, 0.3436,
0.3503

■ 65.4865, 0.3645,
0.3630

■ 81.0558, 0.3253,
0.3381

■ 58.7232, 0.3882,
0.3757

■ 89.9007, 0.3095,
0.3266

■ 52.6129, 0.4144,
0.3878

■ 97.4324, 0.3041,
0.3290

■ 47.1334, 0.4427,
0.3984

■ 42.2604, 0.4721,
0.4061

■ 37.9681, 0.5008,
0.4096

■ 34.2274, 0.5269,
0.4080

■ 31.0035, 0.5487,
0.4009

■ 30.3652, 0.5531,
0.3990

Harmonies

Analogous

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



72.9208, 0.3443, 0.3381



72.9208, 0.3436, 0.3503



72.9208, 0.3344, 0.3572

Triad

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



72.9208, 0.3436, 0.3503



72.9208, 0.2895, 0.3335



72.9208, 0.3053, 0.3033

Complementary

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



72.9208, 0.3436, 0.3503



70.0174, 0.2847, 0.3067

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.



72.9208, 0.2910, 0.3016



72.9208, 0.3436, 0.3503



72.9208, 0.2821, 0.3186

Square

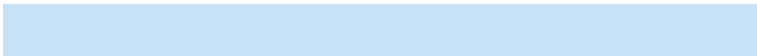
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9208, 0.3436, 0.3503



72.9208, 0.3031, 0.3476



72.9208, 0.2827, 0.3070



72.9208, 0.3219, 0.3115

Rectangle

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



72.9208, 0.3436, 0.3503



72.9208, 0.3249, 0.3576



72.9208, 0.2827, 0.3070



72.9208, 0.3001, 0.3020

Sweetspot

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



72.9241, 0.3436, 0.3503



94.9416, 0.3206, 0.3348



64.3260, 0.3290, 0.3041



20.1728, 0.3218, 0.3356



0.0000, 0.0000, 0.0000



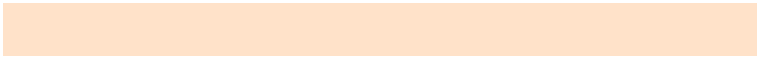
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9241, 0.3436, 0.3503



80.1230, 0.3501, 0.3544



84.3871, 0.3399, 0.3713



16.9742, 0.3282, 0.3400



16.7380, 0.5505, 0.4011



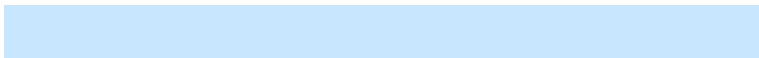
1.5898, 0.5288, 0.4183

Inverse Universe

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



70.0174, 0.2847, 0.3067



76.3069, 0.2795, 0.3022



59.7207, 0.2834, 0.2829



16.6255, 0.2980, 0.3177



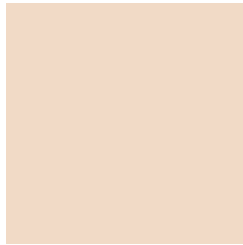
12.1733, 0.1803, 0.1692



1.2117, 0.1866, 0.1918

Previews

White Background



This preview shows how the Yxy color 72.9208, 0.3436, 0.3503 looks on a white background.

Color Contrast Check

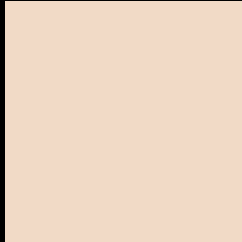
Large Text (above 18pt) WCAG AA × Fail

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 72.9208, 0.3436, 0.3503 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 72.9208, 0.3436, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 72.9208, 0.3436, 0.3503.



This preview shows how white text looks on a background with the Yxy color 72.9208, 0.3436, 0.3503.

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

72.9208, 0.3436, 0.3503

Protanopia

72.8720, 0.3342, 0.3518

Deuteranopia

72.9121, 0.3521, 0.3446



Tritanopia

72.7141, 0.3245, 0.3116

Trichromacy



Original Color

72.9208, 0.3436, 0.3503

Protanomaly

72.9721, 0.3380, 0.3516

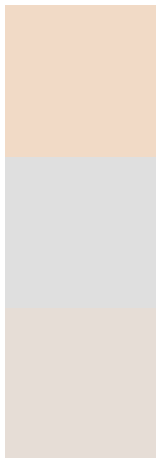
Deuteranomaly

72.6809, 0.3488, 0.3458

Tritanomaly

72.8959, 0.3321, 0.3259

Monochromacy



Original Color

72.9208, 0.3436, 0.3503

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.3909, 0.3239, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9208, 0.3436, 0.3503 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(241, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 198)  
}
```

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(241, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 198) }
```

Border

The CSS property to change the border of an element to Yxy 72.9208, 0.3436, 0.3503 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(241, 218, 198) }
```

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

```
.border{ border-color:rgb(241, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 218, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 218, 198); box-shadow:4px 4px 4px 4px rgb(241, 218, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9208, 0.3436, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 198) }
```

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

```
.background{ background-color: rgb(241,  
218, 198) }
```

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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