

Converting Colors

$Y_{xy}(72.8393, 0.3582, 0.3594)$

Have a look what the booklet for
Yxy(72.8393, 0.3582, 0.3594)
contains.

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Color

Yxy(72.8393, 0.3582, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	F9D8BB
RGB	249, 216, 187
RGB Percent	98%, 85%, 73%
CMY	0.0234, 0.1529, 0.2668
CMYK	0.00, 0.13, 0.25, 0.02
HSL	28°, 84%, 85%
HSV	28°, 25%, 98%
XYZ	72.5961, 72.8393, 57.2338
YIQ	222.5610, 28.9770, -2.0230

Conversions

Conversions Part 2

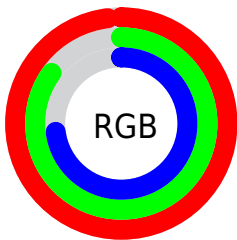
Format	Color
R _Y B	249, 241, 187
Decimal	16373947
CIE Lab	88.37, 7.17, 18.54
CIE LCh	88, 19.880, 68.851
Yxy	72.8393, 0.3582, 0.3594
Android (android.graphics.Color)	4294564027 (0xFFFF9D8BB)
YUV	222.5610, -17.5316, 23.1870
Hunter-Lab	85.3459, 2.4785, 19.9817

Details

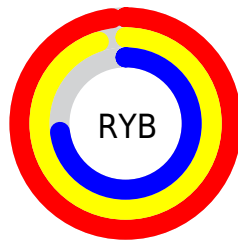
The Yxy color **72.8393, 0.3582, 0.3594** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.5893, 0.2731, 0.2965**, and the grayscale version is **73.5778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **38.4174, 0.3689, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **65.3474, 0.3811, 0.3722**, and if you desaturate by 10%, it is **81.0706, 0.3380, 0.3468**.

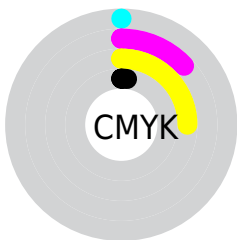
Distribution



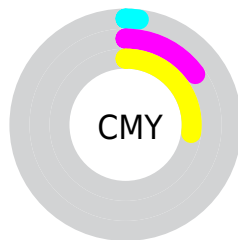
- Red (98%)
- Green (85%)
- Blue (73%)



- Red (98%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8393, 0.3582, 0.3594 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 72.8393, 0.3582, 0.3594 by changing the saturation by 10% instead.

 72.8393, 0.3582,
0.3594

 72.8393, 0.3582,
0.3594


470.4577, 0.3371,
0.3457

 53.8446, 0.3630,
0.3624


 123.2490, 0.3509,
0.3547

 38.4774, 0.3690,
0.3661

155.4329, 0.3480,
0.3529

 26.3534, 0.3766,
0.3708


192.7818, 0.3455,
0.3513

 17.0882, 0.3864,
0.3766

235.6803, 0.3434,
0.3499

 10.2974, 0.3998,
0.3842

284.5128, 0.3415,
0.3486

 5.5966, 0.4187,
0.3945

339.6635, 0.3399,

 2.6014, 0.4474,

0.3475

0.4085

401.5170, 0.3384,
0.3465

0.9274, 0.5368,
0.4632

0.0000, 1.0000,
0.0000

72.8393, 0.3582,
0.3594

72.8393, 0.3582,
0.3594

65.3474, 0.3811,
0.3722

81.0706, 0.3380,
0.3468

58.5625, 0.4066,
0.3847

90.0525, 0.3205,
0.3347

52.4642, 0.4344,
0.3958

98.8838, 0.3090,
0.3290

47.0272, 0.4636,
0.4045

■ 42.2239, 0.4927,
0.4094

■ 38.0242, 0.5198,
0.4093

■ 34.3936, 0.5428,
0.4036

■ 32.7465, 0.5530,
0.3991

Harmonies

Analogous

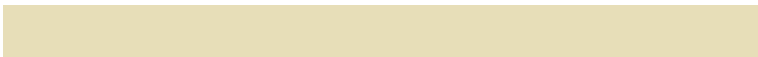
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8393, 0.3591, 0.3413



72.8393, 0.3582, 0.3594



72.8393, 0.3448, 0.3702

Triad

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



72.8393, 0.3582, 0.3594



72.8393, 0.2793, 0.3360



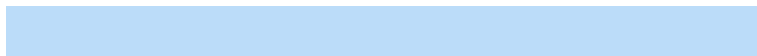
72.8393, 0.3011, 0.2918

Complementary

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



72.8393, 0.3582, 0.3594



68.5893, 0.2731, 0.2965

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.



72.8393, 0.2807, 0.2894



72.8393, 0.3582, 0.3594



72.8393, 0.2685, 0.3138

Square

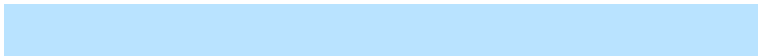
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8393, 0.3582, 0.3594



72.8393, 0.2990, 0.3570



72.8393, 0.2690, 0.2970



72.8393, 0.3254, 0.3033

Rectangle

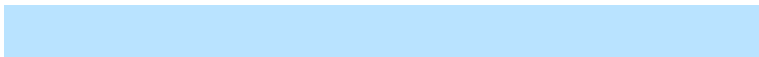
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8393, 0.3582, 0.3594



72.8393, 0.3308, 0.3713



72.8393, 0.2690, 0.2970



72.8393, 0.2936, 0.2899

Sweetspot

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



72.8426, 0.3582, 0.3594



92.9908, 0.3240, 0.3371



60.8462, 0.3380, 0.2947



19.7785, 0.3250, 0.3379



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.



72.8426, 0.3582, 0.3594



72.7316, 0.3696, 0.3660



90.2240, 0.3509, 0.3895



18.5638, 0.3282, 0.3401



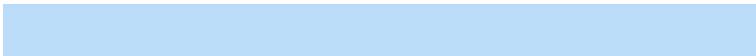
17.8040, 0.5504, 0.4012



1.8590, 0.5307, 0.4168

Inverse Universe

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



68.5893, 0.2731, 0.2965



67.5199, 0.2648, 0.2888



53.8182, 0.2699, 0.2604



18.1728, 0.2980, 0.3176



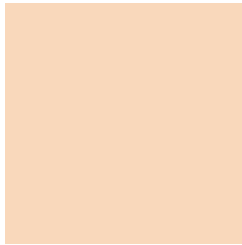
12.8586, 0.1801, 0.1684



1.4032, 0.1858, 0.1890

Previews

White Background



This preview shows how the Yxy color 72.8393, 0.3582, 0.3594 looks on a white background.

Color Contrast Check

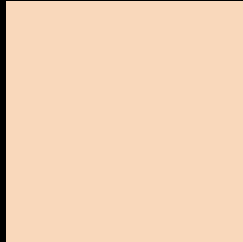
Large Text (above 18pt) WCAG AA × Fail

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 72.8393, 0.3582, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

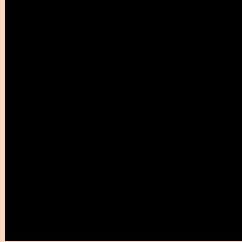
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8393, 0.3582, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 72.8393, 0.3582, 0.3594.



This preview shows how white text looks on a background with the Yxy color 72.8393, 0.3582, 0.3594.

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

72.8393, 0.3582, 0.3594

Protanopia

72.7542, 0.3427, 0.3626

Deuteranopia

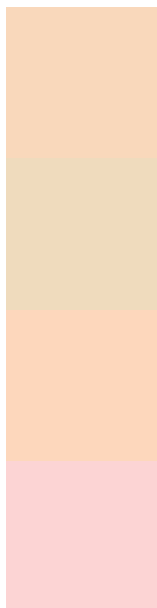
72.9840, 0.3626, 0.3559



Tritanopia

72.7101, 0.3337, 0.3119

Trichromacy



Original Color

72.8393, 0.3582, 0.3594

Protanomaly

72.6879, 0.3483, 0.3611

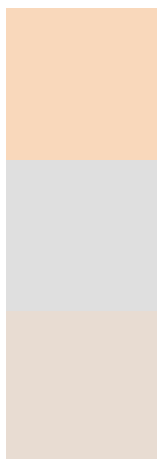
Deuteranomaly

73.1144, 0.3608, 0.3570

Tritanomaly

72.5359, 0.3429, 0.3291

Monochromacy



Original Color

72.8393, 0.3582, 0.3594

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9953, 0.3282, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8393, 0.3582, 0.3594 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(249, 216, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 187)  
}
```

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(249, 216, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 187) }
```

Border

The CSS property to change the border of an element to Yxy 72.8393, 0.3582, 0.3594 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(249, 216, 187) }
```

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

```
.border{ border-color:rgb(249, 216, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 216, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
187) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8393, 0.3582, 0.3594$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 187) }
```

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

```
.background{ background-color: rgb(249,  
216, 187) }
```

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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