

Converting Colors

$Yxy(76.0208, 0.3446, 0.3560)$

Have a look what the booklet for
Yxy(76.0208, 0.3446, 0.3560)
contains.

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Color

Yxy(75.9073, 0.3442, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	F3DFC6
RGB	243, 223, 198
RGB Percent	95%, 87%, 78%
CMY	0.0472, 0.1254, 0.2235
CMYK	0.00, 0.08, 0.19, 0.05
HSL	33°, 65%, 86%
HSV	33°, 19%, 95%
XYZ	73.5359, 75.9073, 64.1997
YIQ	226.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

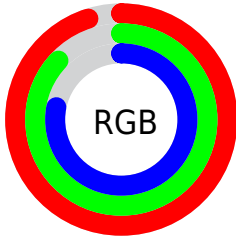
Format	Color
RYB	234, 243, 198
Decimal	15982534
CIELab	89.82, 2.91, 14.73
CIELCh	90, 15.018, 78.839
Yxy	75.9073, 0.3442, 0.3553
Android (android.graphics.Color)	4294172614 (0xFFFF3DFC6)
YUV	226.1300, -13.8681, 14.7950
Hunter-Lab	87.1248, -1.8092, 17.2983

Details

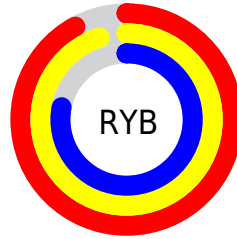
The Yxy color **75.9073, 0.3442, 0.3553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5958, 0.2833, 0.3012**, and the grayscale version is **76.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5837, 0.3522, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **69.2978, 0.3643, 0.3703**, and if you desaturate by 10%, it is **83.0705, 0.3263, 0.3408**.

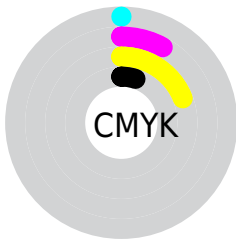
Distribution



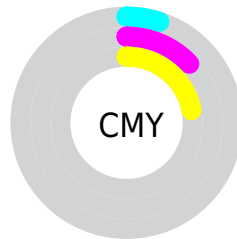
- Red (95%)
- Green (87%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9073, 0.3442, 0.3553 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 75.9073, 0.3442, 0.3553 by changing the saturation by 10% instead.

 75.9073, 0.3442,
0.3553

 75.9073, 0.3442,
0.3553


481.0303, 0.3297,
0.3433

 56.3565, 0.3475,
0.3580


127.5959, 0.3392,
0.3512

 40.4888, 0.3515,
0.3613


160.5024, 0.3372,
0.3496

 27.9199, 0.3567,
0.3654


198.6297, 0.3355,
0.3482

 18.2653, 0.3633,
0.3707

242.3620, 0.3341,
0.3470

 11.1406, 0.3723,
0.3778

292.0839, 0.3328,
0.3459

 6.1615, 0.3850,
0.3877

348.1796, 0.3316,

 2.9435, 0.4044,

0.3449

0.4023

411.0336, 0.3306,
0.3441

■ 1.1023, 0.4741,
0.4617

■ 0.0000, 1.0000,
0.0000

■ 75.9073, 0.3442,
0.3553

■ 75.9073, 0.3442,
0.3553

■ 69.2978, 0.3643,
0.3703

■ 83.0705, 0.3263,
0.3408

■ 63.2163, 0.3864,
0.3853

■ 90.7916, 0.3105,
0.3270

■ 57.6501, 0.4104,
0.3995

■ 97.7902, 0.3053,
0.3290

■ 52.5819, 0.4355,
0.4119

■ 47.9930, 0.4608,
0.4213

■ 43.8628, 0.4848,
0.4265

■ 40.1683, 0.5063,
0.4265

■ 36.8795, 0.5240,
0.4212

■ 36.4195, 0.5265,
0.4202

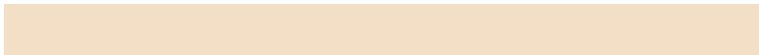
Harmonies

Analogous

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



75.9073, 0.3480, 0.3434



75.9073, 0.3442, 0.3553



75.9073, 0.3318, 0.3605

Triad

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



75.9073, 0.3442, 0.3553



75.9073, 0.2841, 0.3287



75.9073, 0.3101, 0.3032

Complementary

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



75.9073, 0.3442, 0.3553



68.5958, 0.2833, 0.3012

Split Complementary

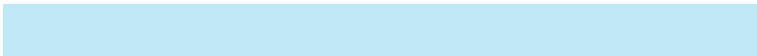
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9073, 0.2933, 0.2990



75.9073, 0.3442, 0.3553



75.9073, 0.2786, 0.3131

Square

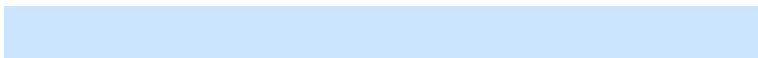
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9073, 0.3442, 0.3553



75.9073, 0.2971, 0.3450



75.9073, 0.2820, 0.3024



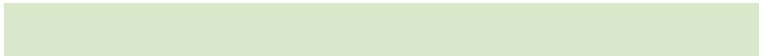
75.9073, 0.3280, 0.3137

Rectangle

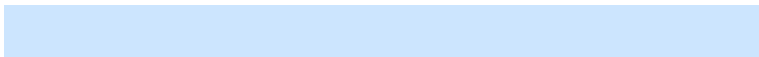
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9073, 0.3442, 0.3553



75.9073, 0.3205, 0.3590



75.9073, 0.2820, 0.3024



75.9073, 0.3042, 0.3010

Sweetspot

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



75.9107, 0.3442, 0.3553



94.7976, 0.3222, 0.3373



64.5118, 0.3332, 0.3078



20.1723, 0.3232, 0.3382



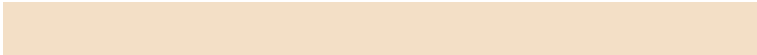
0.0000, 0.0000, 0.0000



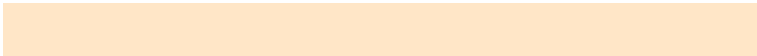
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9107, 0.3442, 0.3553



82.0305, 0.3511, 0.3606



86.8156, 0.3391, 0.3754



18.0113, 0.3280, 0.3422



20.2664, 0.5244, 0.4219



1.9860, 0.5076, 0.4352

Inverse Universe

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



68.5958, 0.2833, 0.3012



72.5501, 0.2774, 0.2952



59.1702, 0.2836, 0.2785



17.1372, 0.2980, 0.3155



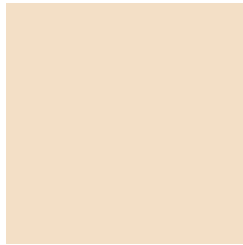
9.6784, 0.1721, 0.1395



1.0522, 0.1788, 0.1635

Previews

White Background



This preview shows how the Yxy color 75.9073, 0.3442, 0.3553 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 75.9073, 0.3442, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

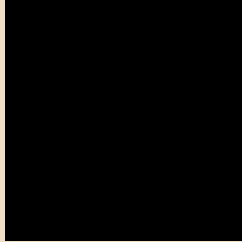
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

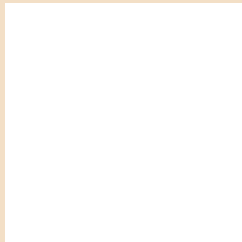
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9073, 0.3442, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 75.9073, 0.3442, 0.3553.



This preview shows how white text looks on a background with the Yxy color 75.9073, 0.3442, 0.3553.

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

75.9073, 0.3442, 0.3553

Protanopia

75.8068, 0.3380, 0.3567

Deuteranopia

75.6199, 0.3521, 0.3464



Tritanopia

76.0974, 0.3228, 0.3119

Trichromacy



Original Color

75.9073, 0.3442, 0.3553

Protanomaly

75.7856, 0.3404, 0.3555

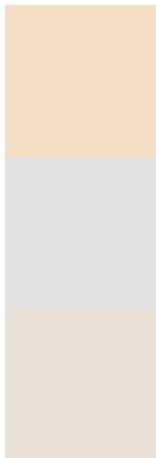
Deuteranomaly

75.8658, 0.3494, 0.3497

Tritanomaly

76.0532, 0.3301, 0.3270

Monochromacy



Original Color

75.9073, 0.3442, 0.3553

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9641, 0.3236, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9073, 0.3442, 0.3553 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(243, 223, 198)` looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 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(243, 223, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 198) }
```

Border

The CSS property to change the border of an element to Yxy 75.9073, 0.3442, 0.3553 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(243, 223, 198) }
```

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

```
.border{ border-color:rgb(243, 223, 198) }
```

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

Here you see how a box with a 4 pixel rgb(243, 223, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 223, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 223, 198);  
box-shadow:4px 4px 4px 4px rgb(243, 223,  
198) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.9073, 0.3442, 0.3553$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 198) }
```

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

```
.background{ background-color: rgb(243,  
223, 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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