

Converting Colors

$Y_{xy}(75.7229, 0.3525, 0.3579)$

Have a look what the booklet for
Yxy(75.7229, 0.3525, 0.3579)
contains.

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Color

Yxy(75.7029, 0.3527, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	F9DDC1
RGB	249, 221, 193
RGB Percent	98%, 87%, 76%
CMY	0.0234, 0.1334, 0.2431
CMYK	0.00, 0.11, 0.23, 0.02
HSL	30°, 82%, 87%
HSV	30°, 23%, 98%
XYZ	74.5613, 75.7029, 61.1373
YIQ	226.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

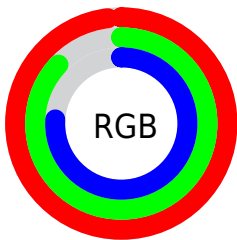
Format	Color
RYB	249, 249, 193
Decimal	16375233
CIELab	89.72, 5.44, 17.28
CIELCh	90, 18.116, 72.524
Yxy	75.7029, 0.3527, 0.3581
Android (android.graphics.Color)	4294565313 (0xFFF9DDC1)
YUV	226.1800, -16.3577, 20.0131
Hunter-Lab	87.0074, 0.7033, 19.2440

Details

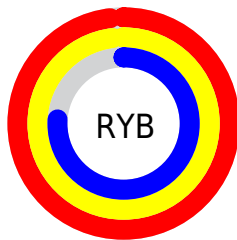
The Yxy color **75.7029, 0.3527, 0.3581** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9264, 0.2769, 0.2980**, and the grayscale version is **76.3025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **40.3430, 0.3624, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **68.3457, 0.3745, 0.3717**, and if you desaturate by 10%, it is **83.7431, 0.3334, 0.3448**.

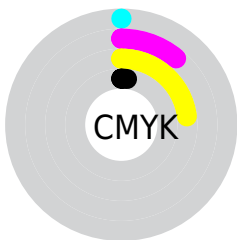
Distribution



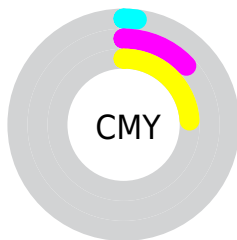
- Red (98%)
- Green (87%)
- Blue (76%)



- Red (98%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7029, 0.3527, 0.3581 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 75.7029, 0.3527, 0.3581 by changing the saturation by 10% instead.

 75.7029, 0.3527,
0.3581

 75.7029, 0.3527,
0.3581


480.3301, 0.3343,
0.3450

 56.1889, 0.3569,
0.3610


 127.3069, 0.3463,
0.3536

 40.3544, 0.3621,
0.3646


160.1656, 0.3438,
0.3518

 27.8150, 0.3686,
0.3690


198.2414, 0.3417,
0.3503

 18.1862, 0.3770,
0.3747

241.9187, 0.3398,
0.3490

 11.0838, 0.3884,
0.3821

291.5818, 0.3382,
0.3478

 6.1232, 0.4045,
0.3922

347.6151, 0.3367,

 2.9201, 0.4287,

0.3467

0.4065

410.4031, 0.3354,
0.3458

■ 1.0902, 0.5232,
0.4768

■ 0.0000, 1.0000,
0.0000

■ 75.7029, 0.3527,
0.3581

■ 75.7029, 0.3527,
0.3581

■ 68.3457, 0.3745,
0.3717

■ 83.7431, 0.3334,
0.3448

■ 61.6413, 0.3987,
0.3851

■ 92.4749, 0.3166,
0.3321

■ 55.5720, 0.4250,
0.3974

■ 98.8881, 0.3090,
0.3290

■ 50.1154, 0.4527,
0.4076

■ 45.2471, 0.4804,
0.4142

■ 40.9403, 0.5065,
0.4161

■ 37.1648, 0.5292,
0.4124

■ 34.6545, 0.5436,
0.4066

Harmonies

Analogous

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



75.7029, 0.3549, 0.3424



75.7029, 0.3527, 0.3581



75.7029, 0.3395, 0.3666

Triad

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



75.7029, 0.3527, 0.3581



75.7029, 0.2809, 0.3328



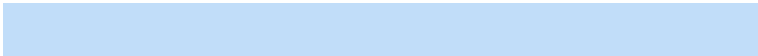
75.7029, 0.3049, 0.2963

Complementary

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



75.7029, 0.3527, 0.3581



69.9264, 0.2769, 0.2980

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.



75.7029, 0.2858, 0.2930



75.7029, 0.3527, 0.3581



75.7029, 0.2723, 0.3132

Square

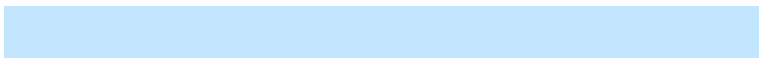
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7029, 0.3527, 0.3581



75.7029, 0.2980, 0.3520



75.7029, 0.2740, 0.2989



75.7029, 0.3268, 0.3075

Rectangle

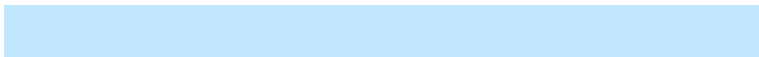
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7029, 0.3527, 0.3581



75.7029, 0.3265, 0.3665



75.7029, 0.2740, 0.2989



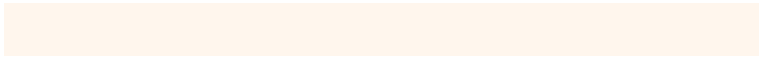
75.7029, 0.2980, 0.2942

Sweetspot

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



75.7063, 0.3527, 0.3581



93.3334, 0.3239, 0.3377



63.5628, 0.3357, 0.2991



19.8578, 0.3249, 0.3385



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.



75.7063, 0.3527, 0.3581



76.2770, 0.3622, 0.3643



91.2020, 0.3470, 0.3844



18.6573, 0.3281, 0.3409



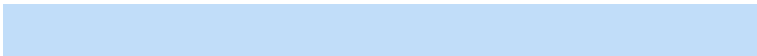
18.8267, 0.5411, 0.4086



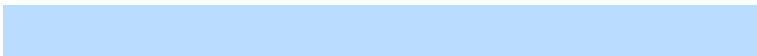
1.9556, 0.5227, 0.4232

Inverse Universe

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



69.9264, 0.2769, 0.2980



69.1899, 0.2694, 0.2909



56.7379, 0.2745, 0.2668



18.0789, 0.2980, 0.3168



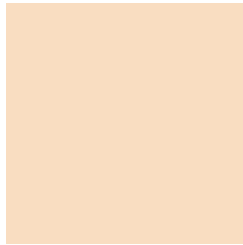
11.7506, 0.1772, 0.1577



1.3003, 0.1831, 0.1793

Previews

White Background



This preview shows how the Yxy color 75.7029, 0.3527, 0.3581 looks on a white background.

Color Contrast Check

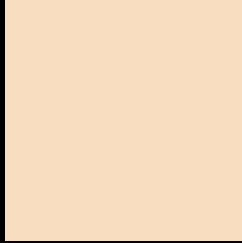
Large Text (above 18pt) WCAG AA × Fail

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 75.7029, 0.3527, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

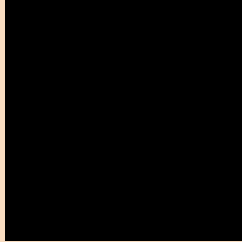
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7029, 0.3527, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 75.7029, 0.3527, 0.3581.



This preview shows how white text looks on a background with the Yxy color 75.7029, 0.3527, 0.3581.

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

75.7029, 0.3527, 0.3581

Protanopia

75.7951, 0.3415, 0.3610

Deuteranopia

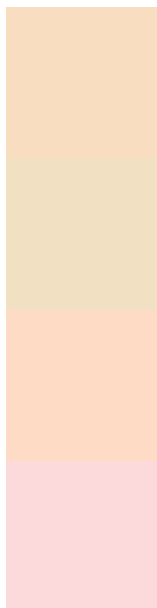
75.4800, 0.3543, 0.3495



Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.7029, 0.3527, 0.3581

Protanomaly

75.9071, 0.3453, 0.3607

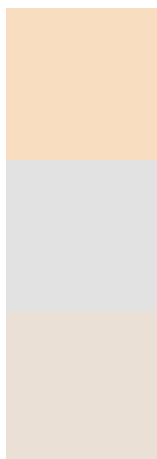
Deuteranomaly

75.5312, 0.3540, 0.3527

Tritanomaly

75.3831, 0.3378, 0.3281

Monochromacy



Original Color

75.7029, 0.3527, 0.3581

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6588, 0.3265, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7029, 0.3527, 0.3581 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, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 193)  
}
```

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, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 193) }
```

Border

The CSS property to change the border of an element to Yxy 75.7029, 0.3527, 0.3581 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, 221, 193) }
```

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

```
.border{ border-color:rgb(249, 221, 193) }
```

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

Here you see how a box with a 4 pixel rgb(249, 221, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7029, 0.3527, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 193) }
```

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

```
.background{ background-color: rgb(249,  
221, 193) }
```

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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