

Converting Colors

$Y_{xy}(73.9282, 0.3474, 0.3522)$

Have a look what the booklet for
Yxy(73.9282, 0.3474, 0.3522)
contains.

Yxy(74.1067, 0.3472, 0.3521)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1067, 0.3472, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	F5DBC5
RGB	245, 219, 197
RGB Percent	96%, 86%, 77%
CMY	0.0391, 0.1412, 0.2274
CMYK	0.00, 0.11, 0.20, 0.04
HSL	27°, 71%, 87%
HSV	27°, 20%, 96%
XYZ	73.0754, 74.1067, 63.2885
YIQ	224.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

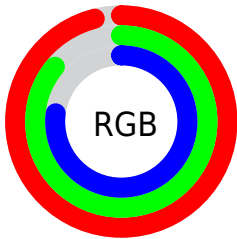
Format	Color
R _Y B	245, 238, 197
Decimal	16112581
CIE Lab	88.97, 5.58, 14.08
CIE LCh	89, 15.143, 68.369
Yxy	74.1067, 0.3472, 0.3521
Android (android.graphics.Color)	4294302661 (0xFFF5DBC5)
YUV	224.2660, -13.4421, 18.1837
Hunter-Lab	86.0852, 0.8745, 16.6706

Details

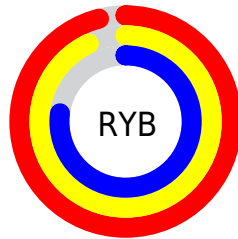
The Yxy color **74.1067, 0.3472, 0.3521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2749, 0.2818, 0.3047**, and the grayscale version is **74.8324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **39.2255, 0.3553, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **66.4171, 0.3687, 0.3646**, and if you desaturate by 10%, it is **82.5391, 0.3284, 0.3400**.

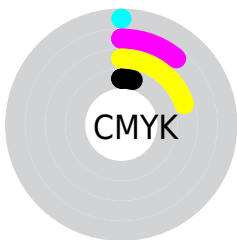
Distribution



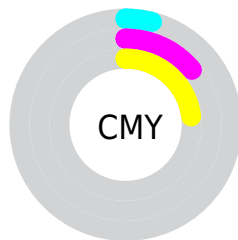
- Red (96%)
- Green (86%)
- Blue (77%)



- Red (96%)
- Yellow (93%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1067, 0.3472, 0.3521 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 74.1067, 0.3472, 0.3521 by changing the saturation by 10% instead.

 74.1067, 0.3472,
0.3521

 74.1067, 0.3472,
0.3521


474.8415, 0.3312,
0.3416

 54.8814, 0.3509,
0.3544


125.0471, 0.3416,
0.3485

 39.3068, 0.3554,
0.3573


157.5309, 0.3395,
0.3471

 26.9984, 0.3611,
0.3609


195.2030, 0.3376,
0.3459

 17.5721, 0.3686,
0.3655

238.4477, 0.3360,
0.3448

 10.6432, 0.3787,
0.3716

287.6496, 0.3346,
0.3439

 5.8274, 0.3932,
0.3799

343.1929, 0.3333,

 2.7404, 0.4156,

0.3430

0.3921

405.4621, 0.3322,
0.3423

0.9978, 0.5019,
0.4538

0.0000, 1.0000,
0.0000

74.1067, 0.3472,
0.3521

74.1067, 0.3472,
0.3521

66.4171, 0.3687,
0.3646

82.5391, 0.3284,
0.3400

59.4387, 0.3931,
0.3771

91.7250, 0.3121,
0.3286

53.1519, 0.4200,
0.3888

98.1580, 0.3066,
0.3290

47.5324, 0.4490,
0.3987

■ 42.5542, 0.4788,
0.4056

■ 38.1888, 0.5077,
0.4081

■ 34.4045, 0.5336,
0.4052

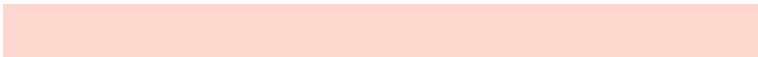
■ 31.1594, 0.5550,
0.3972

■ 31.0372, 0.5559,
0.3968

Harmonies

Analogous

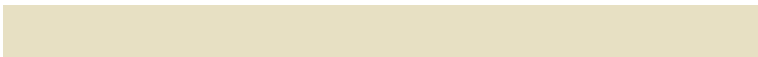
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1067, 0.3476, 0.3384



74.1067, 0.3472, 0.3521



74.1067, 0.3373, 0.3601

Triad

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



74.1067, 0.3472, 0.3521



74.1067, 0.2875, 0.3346



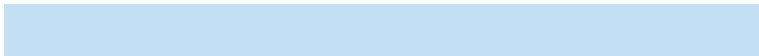
74.1067, 0.3037, 0.3004

Complementary

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



74.1067, 0.3472, 0.3521



71.2749, 0.2818, 0.3047

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.



74.1067, 0.2882, 0.2988



74.1067, 0.3472, 0.3521



74.1067, 0.2790, 0.3180

Square

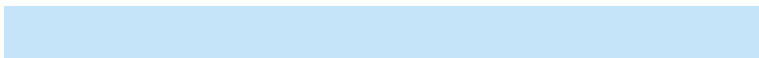
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1067, 0.3472, 0.3521



74.1067, 0.3027, 0.3502



74.1067, 0.2793, 0.3050



74.1067, 0.3221, 0.3091

Rectangle

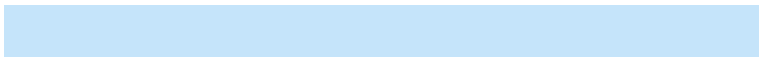
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1067, 0.3472, 0.3521



74.1067, 0.3268, 0.3608



74.1067, 0.2793, 0.3050



74.1067, 0.2980, 0.2990

Sweetspot

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



74.1100, 0.3472, 0.3521



93.8730, 0.3223, 0.3358



64.7116, 0.3309, 0.3016



19.9538, 0.3234, 0.3366



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.



74.1100, 0.3472, 0.3521



77.2870, 0.3564, 0.3577



87.3302, 0.3427, 0.3756



17.7320, 0.3282, 0.3399



16.9853, 0.5532, 0.3990



1.6958, 0.5322, 0.4156

Inverse Universe

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



71.2749, 0.2818, 0.3047



73.5963, 0.2746, 0.2985



59.5097, 0.2802, 0.2777



17.4160, 0.2980, 0.3179



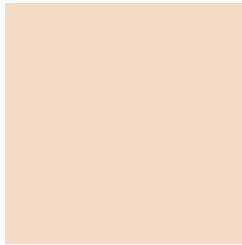
12.8506, 0.1811, 0.1721



1.3349, 0.1870, 0.1933

Previews

White Background



This preview shows how the Yxy color 74.1067, 0.3472, 0.3521 looks on a white background.

Color Contrast Check

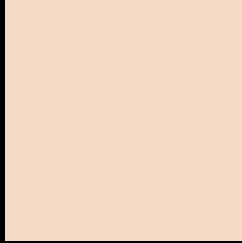
Large Text (above 18pt) WCAG AA × Fail

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 74.1067, 0.3472, 0.3521 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 74.1067, 0.3472, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 74.1067, 0.3472, 0.3521.



This preview shows how white text looks on a background with the Yxy color 74.1067, 0.3472, 0.3521.

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

74.1067, 0.3472, 0.3521

Protanopia

74.2225, 0.3361, 0.3548

Deuteranopia

73.9381, 0.3549, 0.3465



Tritanopia

74.0024, 0.3267, 0.3118

Trichromacy



Original Color

74.1067, 0.3472, 0.3521

Protanomaly

74.3243, 0.3399, 0.3546

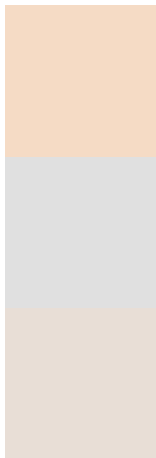
Deuteranomaly

73.6982, 0.3516, 0.3477

Tritanomaly

74.1827, 0.3342, 0.3260

Monochromacy



Original Color

74.1067, 0.3472, 0.3521

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2534, 0.3252, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1067, 0.3472, 0.3521 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(245, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 197)  
}
```

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(245, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 197) }
```

Border

The CSS property to change the border of an element to Yxy 74.1067, 0.3472, 0.3521 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(245, 219, 197) }
```

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

```
.border{ border-color:rgb(245, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 219, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 219, 197); box-shadow:4px 4px 4px 4px rgb(245, 219, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1067, 0.3472, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 197) }
```

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

```
.background{ background-color: rgb(245,  
219, 197) }
```

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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