

Converting Colors

$Y_{xy}(72.3764, 0.3526, 0.3527)$

Have a look what the booklet for
Yxy(72.3764, 0.3526, 0.3527)
contains.

Yxy(72.2253, 0.3524, 0.3522)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.2253, 0.3524, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	F7D7C1
RGB	247, 215, 193
RGB Percent	97%, 84%, 76%
CMY	0.0316, 0.1567, 0.2432
CMYK	0.00, 0.13, 0.22, 0.03
HSL	25°, 77%, 86%
HSV	25°, 22%, 97%
XYZ	72.2663, 72.2253, 60.5774
YIQ	222.0600, 26.1340, -0.0580

Conversions

Conversions Part 2

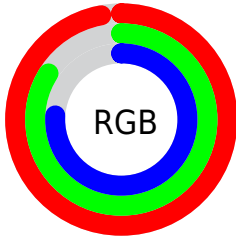
Format	Color
R _Y B	247, 230, 193
Decimal	16242625
CIE Lab	88.08, 7.75, 14.95
CIE LCh	88, 16.838, 62.607
Yxy	72.2253, 0.3524, 0.3522
Android (android.graphics.Color)	4294432705 (0xFFFF7D7C1)
YUV	222.0600, -14.3266, 21.8724
Hunter-Lab	84.9855, 3.0606, 17.2281

Details

The Yxy color **72.2253, 0.3524, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8430, 0.2784, 0.3046**, and the grayscale version is **73.1781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **37.9528, 0.3624, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **64.1063, 0.3753, 0.3635**, and if you desaturate by 10%, it is **81.1989, 0.3326, 0.3412**.

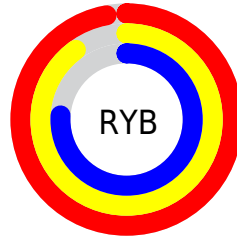
Distribution



Red (97%)

Green (84%)

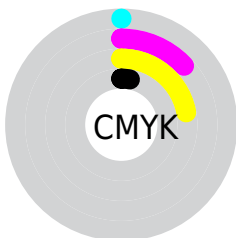
Blue (76%)



Red (97%)

Yellow (90%)

Blue (76%)

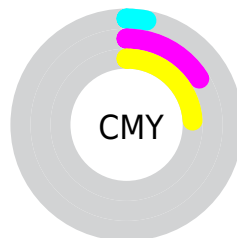


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (3%)



Cyan (3%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2253, 0.3524, 0.3522 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 72.2253, 0.3524, 0.3522 by changing the saturation by 10% instead.


 72.2253, 0.3524,
0.3522

 72.2253, 0.3524,
0.3522


468.3254, 0.3339,
0.3417

 53.3427, 0.3567,
0.3545


 122.3768, 0.3460,
0.3486

 38.0764, 0.3619,
0.3574


154.4145, 0.3435,
0.3472

 26.0420, 0.3686,
0.3609


191.6061, 0.3413,
0.3460

 16.8551, 0.3774,
0.3654

234.3359, 0.3394,
0.3449

 10.1312, 0.3893,
0.3713

282.9883, 0.3378,
0.3440

 5.4861, 0.4065,
0.3794

337.9478, 0.3363,

 2.5352, 0.4332,

0.3431

0.3906

399.5987, 0.3351,
0.3424

0.8942, 0.5412,
0.4588

0.0000, 0.0000,
0.0000

72.2253, 0.3524,
0.3522

72.2253, 0.3524,
0.3522

64.1063, 0.3753,
0.3635

81.1989, 0.3326,
0.3412

56.8058, 0.4013,
0.3746

91.0425, 0.3156,
0.3308

50.2990, 0.4304,
0.3848

98.5028, 0.3078,
0.3290

44.5563, 0.4617,
0.3929

■ 39.5457, 0.4939,
0.3978

■ 35.2324, 0.5248,
0.3981

■ 31.5776, 0.5519,
0.3930

■ 29.0475, 0.5702,
0.3854

Harmonies

Analogous

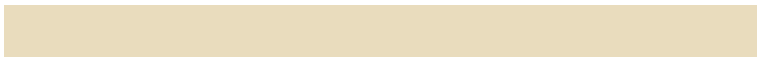
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2253, 0.3507, 0.3361



72.2253, 0.3524, 0.3522



72.2253, 0.3431, 0.3628

Triad

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



72.2253, 0.3524, 0.3522



72.2253, 0.2873, 0.3389



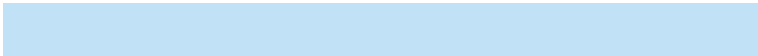
72.2253, 0.2989, 0.2961

Complementary

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



72.2253, 0.3524, 0.3522



71.8430, 0.2784, 0.3046

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.



72.2253, 0.2826, 0.2959



72.2253, 0.3524, 0.3522



72.2253, 0.2761, 0.3199

Square

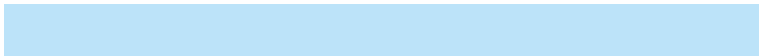
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2253, 0.3524, 0.3522



72.2253, 0.3053, 0.3556



72.2253, 0.2745, 0.3043



72.2253, 0.3193, 0.3044

Rectangle

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



72.2253, 0.3524, 0.3522



72.2253, 0.3321, 0.3650



72.2253, 0.2745, 0.3043



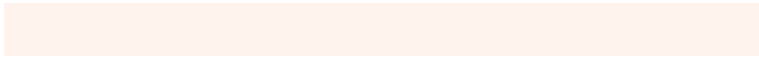
72.2253, 0.2928, 0.2951

Sweetspot

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



72.2286, 0.3524, 0.3522



92.3511, 0.3240, 0.3361



63.3542, 0.3314, 0.2955



19.6305, 0.3251, 0.3368



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.



72.2286, 0.3524, 0.3522



73.9233, 0.3616, 0.3569



86.8450, 0.3468, 0.3785



17.5942, 0.3283, 0.3387



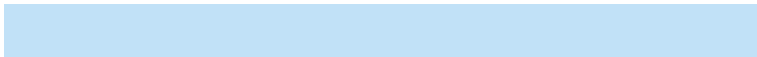
15.6336, 0.5673, 0.3877



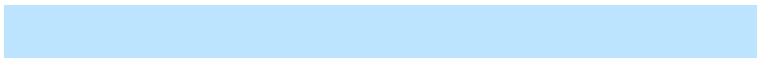
1.5708, 0.5447, 0.4057

Inverse Universe

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



71.8430, 0.2784, 0.3046



73.4400, 0.2717, 0.2993



58.6121, 0.2762, 0.2741



17.5562, 0.2980, 0.3191



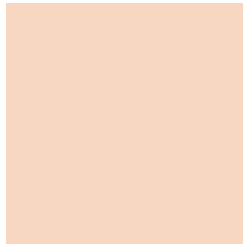
14.7252, 0.1859, 0.1892



1.4960, 0.1913, 0.2085

Previews

White Background



This preview shows how the Yxy color 72.2253, 0.3524, 0.3522 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 72.2253, 0.3524, 0.3522 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 72.2253, 0.3524, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 72.2253, 0.3524, 0.3522.



This preview shows how white text looks on a background with the Yxy color 72.2253, 0.3524, 0.3522.

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

72.2253, 0.3524, 0.3522

Protanopia

72.1608, 0.3371, 0.3551

Deuteranopia

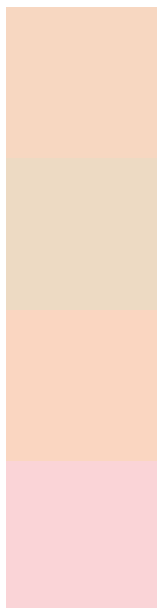
72.1342, 0.3568, 0.3498



Tritanopia

72.1485, 0.3314, 0.3118

Trichromacy



Original Color

72.2253, 0.3524, 0.3522

Protanomaly

72.0875, 0.3427, 0.3537

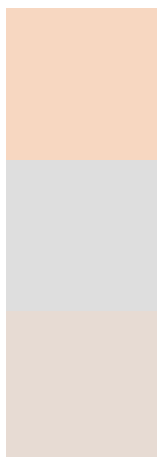
Deuteranomaly

72.2674, 0.3550, 0.3510

Tritanomaly

72.3173, 0.3391, 0.3260

Monochromacy



Original Color

72.2253, 0.3524, 0.3522

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3551, 0.3268, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2253, 0.3524, 0.3522 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(247, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 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(247, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 193) }
```

Border

The CSS property to change the border of an element to Yxy 72.2253, 0.3524, 0.3522 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(247, 215, 193) }
```

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

```
.border{ border-color:rgb(247, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 215, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 215, 193); box-shadow:4px 4px 4px 4px rgb(247, 215, 193) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2253, 0.3524, 0.3522$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 193) }
```

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

```
.background{ background-color: rgb(247,  
215, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor