

Converting Colors

$Y_{xy}(72.8734, 0.3516, 0.3533)$

Have a look what the booklet for
Yxy(72.8734, 0.3516, 0.3533)
contains.

Yxy(72.7361, 0.3522, 0.3532)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.7361, 0.3522, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	F7D8C1
RGB	247, 216, 193
RGB Percent	97%, 85%, 76%
CMY	0.0315, 0.1529, 0.2431
CMYK	0.00, 0.13, 0.22, 0.03
HSL	26°, 77%, 86%
HSV	26°, 22%, 97%
XYZ	72.5302, 72.7361, 60.6683
YIQ	222.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

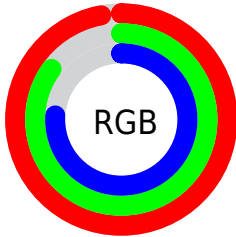
Format	Color
R _Y B	247, 233, 193
Decimal	16242881
CIE Lab	88.32, 7.25, 15.29
CIE LCh	88, 16.920, 64.641
Yxy	72.7361, 0.3522, 0.3532
Android (android.graphics.Color)	4294432961 (0xFFFF7D8C1)
YUV	222.6470, -14.6160, 21.3576
Hunter-Lab	85.2855, 2.5540, 17.5235

Details

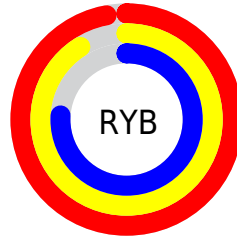
The Yxy color **72.7361, 0.3522, 0.3532** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3346, 0.2783, 0.3035**, and the grayscale version is **73.6198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **38.3010, 0.3621, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **64.7797, 0.3748, 0.3650**, and if you desaturate by 10%, it is **81.5087, 0.3325, 0.3418**.

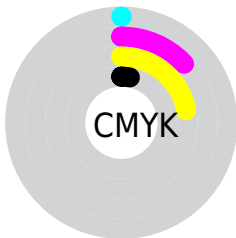
Distribution



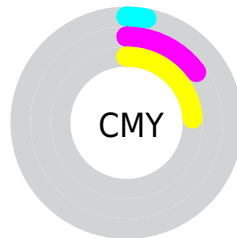
- Red (97%)
- Green (85%)
- Blue (76%)



- Red (97%)
- Yellow (91%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7361, 0.3522, 0.3532 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 72.7361, 0.3522, 0.3532 by changing the saturation by 10% instead.


 72.7361, 0.3522,
0.3532

 72.7361, 0.3522,
0.3532


470.0997, 0.3338,
0.3423

 53.7602, 0.3564,
0.3556


 123.1025, 0.3458,
0.3495

 38.4100, 0.3616,
0.3586


155.2618, 0.3433,
0.3480

 26.3010, 0.3683,
0.3623


192.5843, 0.3412,
0.3467

 17.0490, 0.3769,
0.3670

235.4545, 0.3393,
0.3456

 10.2694, 0.3887,
0.3732

284.2568, 0.3377,
0.3446

 5.5780, 0.4056,
0.3817

339.3754, 0.3363,

 2.5902, 0.4317,

0.3437

0.3935

401.1949, 0.3350,
0.3430

0.9217, 0.5374,
0.4626

0.0000, 1.0000,
0.0000

72.7361, 0.3522,
0.3532

72.7361, 0.3522,
0.3532

64.7797, 0.3748,
0.3650

81.5087, 0.3325,
0.3418

57.6048, 0.4005,
0.3765

91.1112, 0.3156,
0.3309

51.1884, 0.4289,
0.3871

98.5080, 0.3078,
0.3290

45.5025, 0.4595,
0.3958

■ 40.5172, 0.4909,
0.4010

■ 36.1996, 0.5209,
0.4017

■ 32.5130, 0.5472,
0.3969

■ 29.9399, 0.5651,
0.3895

Harmonies

Analogous

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



72.7361, 0.3513, 0.3373



72.7361, 0.3522, 0.3532



72.7361, 0.3422, 0.3633

Triad

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



72.7361, 0.3522, 0.3532



72.7361, 0.2862, 0.3377



72.7361, 0.3001, 0.2963

Complementary

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



72.7361, 0.3522, 0.3532



71.3346, 0.2783, 0.3035

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.



72.7361, 0.2835, 0.2955



72.7361, 0.3522, 0.3532



72.7361, 0.2756, 0.3187

Square

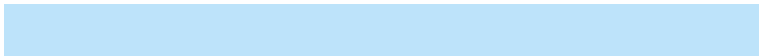
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7361, 0.3522, 0.3532



72.7361, 0.3039, 0.3547



72.7361, 0.2746, 0.3034



72.7361, 0.3207, 0.3052

Rectangle

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



72.7361, 0.3522, 0.3532



72.7361, 0.3309, 0.3651



72.7361, 0.2746, 0.3034



72.7361, 0.2939, 0.2951

Sweetspot

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



72.7394, 0.3522, 0.3532



92.5450, 0.3240, 0.3364



63.3163, 0.3321, 0.2964



19.6753, 0.3250, 0.3371



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

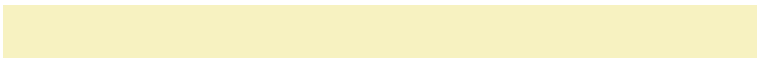
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7394, 0.3522, 0.3532



74.5357, 0.3613, 0.3581



87.4021, 0.3467, 0.3794



17.6446, 0.3283, 0.3391



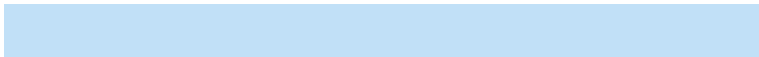
16.1073, 0.5622, 0.3918



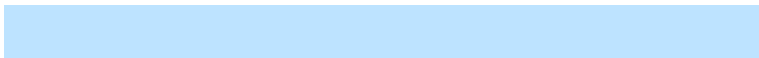
1.6151, 0.5401, 0.4094

Inverse Universe

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



71.3346, 0.2783, 0.3035



72.7864, 0.2716, 0.2979



58.2099, 0.2761, 0.2731



17.5048, 0.2980, 0.3187



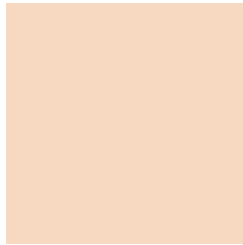
14.0155, 0.1842, 0.1829



1.4354, 0.1897, 0.2029

Previews

White Background



This preview shows how the Yxy color 72.7361, 0.3522, 0.3532 looks on a white background.

Color Contrast Check

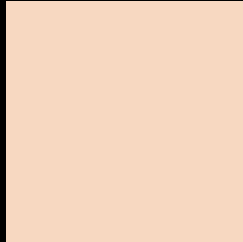
Large Text (above 18pt) WCAG AA × Fail

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 72.7361, 0.3522, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

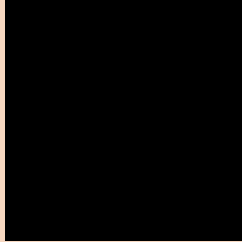
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7361, 0.3522, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 72.7361, 0.3522, 0.3532.



This preview shows how white text looks on a background with the Yxy color 72.7361, 0.3522, 0.3532.

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

72.7361, 0.3522, 0.3532

Protanopia

72.8542, 0.3377, 0.3561

Deuteranopia

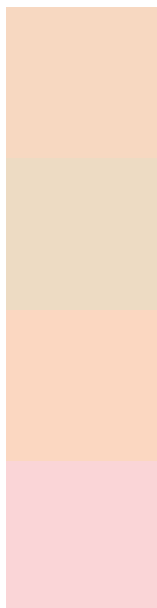
72.8260, 0.3573, 0.3508



Tritanopia

72.6438, 0.3313, 0.3128

Trichromacy



Original Color

72.7361, 0.3522, 0.3532

Protanomaly

72.6077, 0.3425, 0.3548

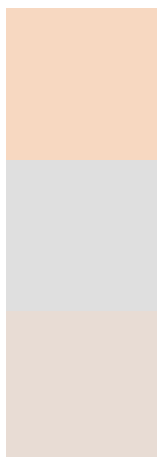
Deuteranomaly

72.9604, 0.3555, 0.3519

Tritanomaly

72.8188, 0.3390, 0.3270

Monochromacy



Original Color

72.7361, 0.3522, 0.3532

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0957, 0.3268, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7361, 0.3522, 0.3532 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, 216, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 216, 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, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 216, 193) }
```

Border

The CSS property to change the border of an element to Yxy 72.7361, 0.3522, 0.3532 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, 216, 193) }
```

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

```
.border{ border-color:rgb(247, 216, 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, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 216, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 216, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 216,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7361, 0.3522, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 216, 193) }
```

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

```
.background{ background-color: rgb(247,  
216, 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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