

Converting Colors

$Y_{xy}(82.9583, 0.3984, 0.3531)$

Have a look what the booklet for
Yxy(82.9583, 0.3984, 0.3531)
contains.

Yxy(72.9840, 0.3626, 0.3559)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9840, 0.3626, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6BC
RGB	255, 214, 188
RGB Percent	100%, 84%, 74%
CMY	0.0000, 0.1607, 0.2629
CMYK	0.00, 0.16, 0.26, 0.00
HSL	23°, 100%, 87%
HSV	23°, 26%, 100%
XYZ	74.3580, 72.9840, 57.7269
YIQ	223.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

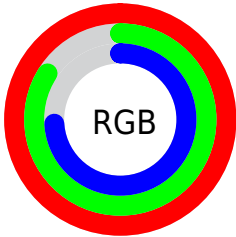
Format	Color
R _Y B	255, 230, 188
Decimal	16766652
CIE Lab	88.44, 10.54, 18.20
CIE LCh	88, 21.031, 59.914
Yxy	72.9840, 0.3626, 0.3559
Android (android.graphics.Color)	4294956732 (0xFFFFD6BC)
YUV	223.2950, -17.4004, 27.8053
Hunter-Lab	85.4307, 5.8608, 19.7383

Details

The Yxy color **72.9840, 0.3626, 0.3559** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9155, 0.2714, 0.3004**, and the grayscale version is **74.1212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **38.4159, 0.3739, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **64.4652, 0.3873, 0.3667**, and if you desaturate by 10%, it is **82.4590, 0.3412, 0.3453**.

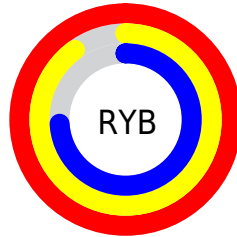
Distribution



Red (100%)

Green (84%)

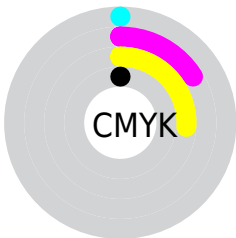
Blue (74%)



Red (100%)

Yellow (90%)

Blue (74%)

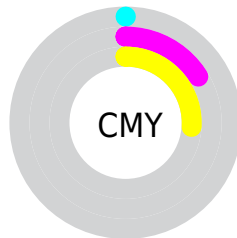


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9840, 0.3626, 0.3559 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 72.9840, 0.3626, 0.3559 by changing the saturation by 10% instead.


 72.9840, 0.3626,
0.3559

 72.9840, 0.3626,
0.3559


470.9594, 0.3394,
0.3439

 53.9629, 0.3679,
0.3585


 123.4545, 0.3545,
0.3518

 38.5720, 0.3745,
0.3617


155.6727, 0.3514,
0.3502

 26.4269, 0.3828,
0.3656


193.0586, 0.3487,
0.3488

 17.1433, 0.3937,
0.3704

235.9968, 0.3463,
0.3476

 10.3367, 0.4085,
0.3767

284.8716, 0.3443,
0.3465

 5.6228, 0.4295,
0.3848

340.0673, 0.3424,

 2.6171, 0.4614,

0.3456

0.3951

401.9684, 0.3408,
0.3447

0.9353, 0.5586,
0.4414

0.0000, 1.0000,
0.0000

72.9840, 0.3626,
0.3559

72.9840, 0.3626,
0.3559

64.4652, 0.3873,
0.3667

82.4590, 0.3412,
0.3453

56.8614, 0.4153,
0.3770

92.9101, 0.3229,
0.3351

50.1426, 0.4463,
0.3859

99.9980, 0.3127,
0.3290

44.2733, 0.4793,
0.3923

■ 39.2152, 0.5122,
0.3948

■ 34.9260, 0.5427,
0.3923

■ 31.3579, 0.5680,
0.3844

■ 30.1984, 0.5762,
0.3807

Harmonies

Analogous

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



72.9840, 0.3593, 0.3356



72.9840, 0.3626, 0.3559



72.9840, 0.3520, 0.3703

Triad

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



72.9840, 0.3626, 0.3559



72.9840, 0.2828, 0.3434



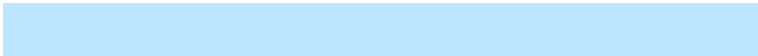
72.9840, 0.2933, 0.2880

Complementary

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



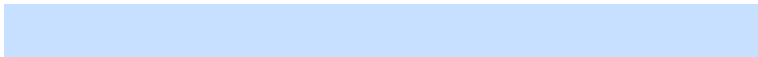
72.9840, 0.3626, 0.3559



73.9155, 0.2714, 0.3004

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.



72.9840, 0.2741, 0.2884



72.9840, 0.3626, 0.3559



72.9840, 0.2682, 0.3195

Square

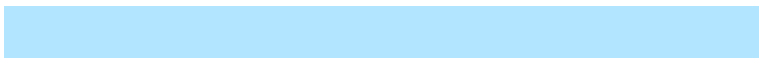
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9840, 0.3626, 0.3559



72.9840, 0.3056, 0.3639



72.9840, 0.2651, 0.2995



72.9840, 0.3184, 0.2974

Rectangle

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



72.9840, 0.3626, 0.3559



72.9840, 0.3388, 0.3740



72.9840, 0.2651, 0.2995



72.9840, 0.2860, 0.2869

Sweetspot

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



72.9873, 0.3626, 0.3559



91.0537, 0.3258, 0.3368



62.8852, 0.3353, 0.2873



19.1446, 0.3285, 0.3383



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.



72.9873, 0.3626, 0.3559



68.0077, 0.3763, 0.3621



91.5135, 0.3544, 0.3878



19.1446, 0.3285, 0.3383



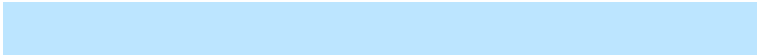
16.0491, 0.5732, 0.3830



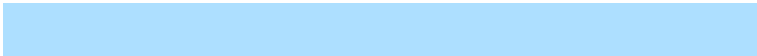
1.7672, 0.5522, 0.3998

Inverse Universe

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



73.9155, 0.2714, 0.3004



69.0807, 0.2625, 0.2932



57.2912, 0.2678, 0.2624



19.2267, 0.2979, 0.3195



16.4791, 0.1878, 0.1961



1.8169, 0.1925, 0.2128

Previews

White Background



This preview shows how the Yxy color 72.9840, 0.3626, 0.3559 looks on a white background.

Color Contrast Check

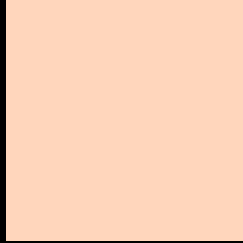
Large Text (above 18pt) WCAG AA × Fail

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 72.9840, 0.3626, 0.3559 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 72.9840, 0.3626, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 72.9840, 0.3626, 0.3559.



This preview shows how white text looks on a background with the Yxy color 72.9840, 0.3626, 0.3559.

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

72.9840, 0.3626, 0.3559

Protanopia

73.3720, 0.3411, 0.3614

Deuteranopia

73.0273, 0.3618, 0.3548



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.9840, 0.3626, 0.3559

Protanomaly

73.1254, 0.3484, 0.3588

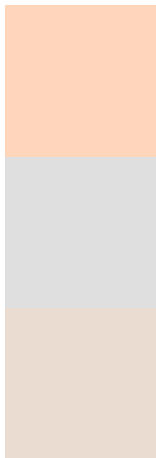
Deuteranomaly

73.0273, 0.3618, 0.3548

Tritanomaly

72.6020, 0.3453, 0.3281

Monochromacy



Original Color

72.9840, 0.3626, 0.3559

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5017, 0.3304, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9840, 0.3626, 0.3559 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(255, 214, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 188)  
}
```

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(255, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 188) }
```

Border

The CSS property to change the border of an element to Yxy 72.9840, 0.3626, 0.3559 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(255, 214, 188) }
```

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

```
.border{ border-color:rgb(255, 214, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9840, 0.3626, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 188) }
```

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

```
.background{ background-color: rgb(255,  
214, 188) }
```

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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