

Converting Colors

$Yxy(68.4439, 0.3839, 0.3521)$

Have a look what the booklet for
Yxy(68.4439, 0.3839, 0.3521)
contains.

Yxy(66.2476, 0.3740, 0.3531)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.2476, 0.3740, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B2
RGB	255, 201, 178
RGB Percent	100%, 79%, 70%
CMY	0.0000, 0.2118, 0.3020
CMYK	0.00, 0.21, 0.30, 0.00
HSL	18°, 100%, 85%
HSV	18°, 30%, 100%
XYZ	70.1688, 66.2476, 51.2007
YIQ	214.5240, 39.5670, 4.2950

Conversions

Conversions Part 2

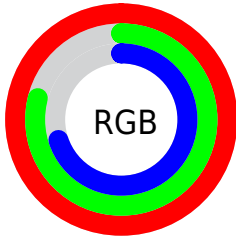
Format	Color
R_{YB}	255, 211, 178
Decimal	16763314
CIE Lab	85.12, 16.02, 18.82
CIE LCh	85, 24.720, 49.595
Yxy	66.2476, 0.3740, 0.3531
Android (android.graphics.Color)	4294953394 (0xFFFFC9B2)
YUV	214.5240, -18.0063, 35.4975
Hunter-Lab	81.3926, 11.4482, 19.6780

Details

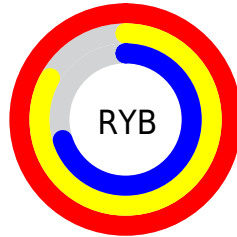
The Yxy color $66.2476, 0.3740, 0.3531$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.3915, 0.2662, 0.3034$, and the grayscale version is $67.7170, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $34.2184, 0.3894, 0.3586$ is the 20% darker color. If you saturate the color by 10%, you get $57.4575, 0.4019, 0.3614$, and if you desaturate by 10%, it is $76.1944, 0.3501, 0.3448$.

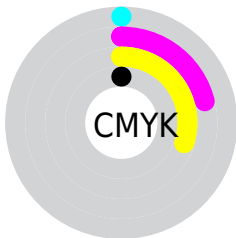
Distribution



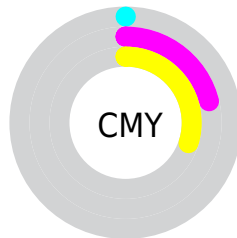
- Red (100%)
- Green (79%)
- Blue (70%)



- Red (100%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2476, 0.3740, 0.3531 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 66.2476, 0.3740, 0.3531 by changing the saturation by 10% instead.


 66.2476, 0.3740,
0.3531

 66.2476, 0.3740,
0.3531


447.2619, 0.3449,
0.3425

 48.4734, 0.3808,
0.3554


 113.8416, 0.3638,
0.3495

 34.2020, 0.3893,
0.3580


144.4303, 0.3598,
0.3481

 23.0488, 0.4001,
0.3613


180.0592, 0.3565,
0.3469

 14.6295, 0.4144,
0.3652

221.1128, 0.3535,
0.3458

 8.5598, 0.4341,
0.3700

267.9755, 0.3510,
0.3448

 4.4552, 0.4626,
0.3754

321.0316, 0.3487,

 1.9313, 0.5137,

0.3440

0.3852

380.6656, 0.3467,
0.3432

0.5671, 0.6220,
0.3780

0.0000, 0.0000,
0.0000

66.2476, 0.3740,
0.3531

66.2476, 0.3740,
0.3531

57.4575, 0.4019,
0.3614

76.1944, 0.3501,
0.3448

49.7867, 0.4340,
0.3689

87.3454, 0.3300,
0.3367

43.1864, 0.4696,
0.3749

99.7378, 0.3130,
0.3291

37.6065, 0.5071,
0.3780

100.0000, 0.3127,
0.3290

■ 32.9925, 0.5437,
0.3771

■ 29.2838, 0.5756,
0.3714

■ 26.4546, 0.5998,
0.3620

Harmonies

Analogous

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



66.2476, 0.3641, 0.3277



66.2476, 0.3740, 0.3531



66.2476, 0.3665, 0.3740

Triad

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



66.2476, 0.3740, 0.3531



66.2476, 0.2850, 0.3562



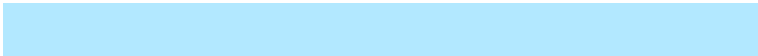
66.2476, 0.2800, 0.2784

Complementary

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



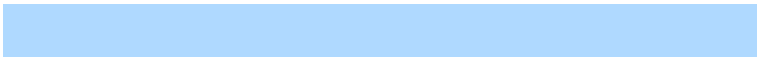
66.2476, 0.3740, 0.3531



74.3915, 0.2662, 0.3034

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.



66.2476, 0.2609, 0.2831



66.2476, 0.3740, 0.3531



66.2476, 0.2636, 0.3270

Square

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



66.2476, 0.3740, 0.3531



66.2476, 0.3144, 0.3777



66.2476, 0.2551, 0.3003



66.2476, 0.3086, 0.2860

Rectangle

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



66.2476, 0.3740, 0.3531



66.2476, 0.3530, 0.3821



66.2476, 0.2551, 0.3003



66.2476, 0.2723, 0.2786

Sweetspot

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



66.2455, 0.3740, 0.3531



88.7675, 0.3278, 0.3358



58.9892, 0.3333, 0.2735



18.6317, 0.3304, 0.3369



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.



66.2455, 0.3740, 0.3531



61.0107, 0.3897, 0.3579



85.8059, 0.3630, 0.3897



18.8716, 0.3287, 0.3362



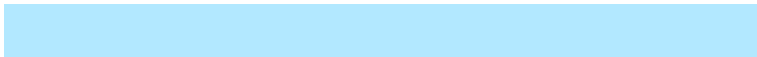
14.0489, 0.5969, 0.3643



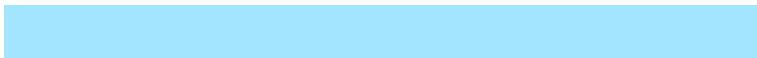
1.5490, 0.5748, 0.3818

Inverse Universe

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



74.3915, 0.2662, 0.3034



70.2797, 0.2576, 0.2977



55.5675, 0.2612, 0.2599



19.5112, 0.2980, 0.3217



20.8532, 0.1968, 0.2283



2.2215, 0.2003, 0.2412

Previews

White Background



This preview shows how the Yxy color 66.2476, 0.3740, 0.3531 looks on a white background.

Color Contrast Check

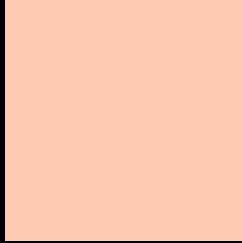
Large Text (above 18pt) WCAG AA × Fail

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 66.2476, 0.3740, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

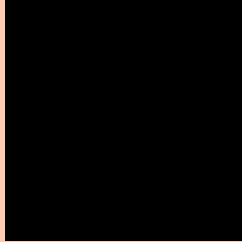
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2476, 0.3740, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 66.2476, 0.3740, 0.3531.



This preview shows how white text looks on a background with the Yxy color 66.2476, 0.3740, 0.3531.

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

66.2476, 0.3740, 0.3531

Protanopia

66.2356, 0.3409, 0.3606

Deuteranopia

66.4298, 0.3662, 0.3590



Tritanopia

66.3513, 0.3483, 0.3158

Trichromacy



Original Color

66.2476, 0.3740, 0.3531

Protanomaly

66.1513, 0.3528, 0.3576

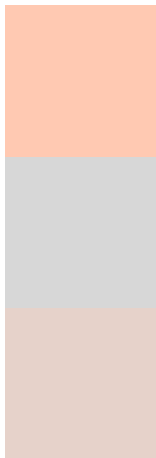
Deuteranomaly

66.4998, 0.3690, 0.3577

Tritanomaly

66.2304, 0.3577, 0.3291

Monochromacy



Original Color

66.2476, 0.3740, 0.3531

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1804, 0.3336, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2476, 0.3740, 0.3531 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, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 178)  
}
```

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, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 178) }
```

Border

The CSS property to change the border of an element to Yxy 66.2476, 0.3740, 0.3531 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, 201, 178) }
```

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

```
.border{ border-color:rgb(255, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2476, 0.3740, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 178) }
```

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

```
.background{ background-color: rgb(255,  
201, 178) }
```

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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