

Converting Colors

$Y_{xy}(65.9048, 0.3738, 0.3518)$

Have a look what the booklet for
Yxy(65.9048, 0.3738, 0.3518)
contains.

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Color

Yxy(65.7829, 0.3743, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B2
RGB	255, 200, 178
RGB Percent	100%, 78%, 70%
CMY	0.0000, 0.2157, 0.3021
CMYK	0.00, 0.22, 0.30, 0.00
HSL	17°, 100%, 85%
HSV	17°, 30%, 100%
XYZ	69.9305, 65.7829, 51.1167
YIQ	213.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

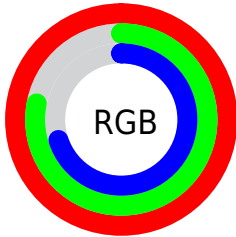
Format	Color
RYB	255, 209, 178
Decimal	16763058
CIELab	84.89, 16.53, 18.50
CIELCh	85, 24.811, 48.215
Yxy	65.7829, 0.3743, 0.3521
Android (android.graphics.Color)	4294953138 (0xFFFFC8B2)
YUV	213.9370, -17.7169, 36.0123
Hunter-Lab	81.1067, 11.9669, 19.4077

Details

The Yxy color **65.7829, 0.3743, 0.3521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9424, 0.2663, 0.3045**, and the grayscale version is **67.3010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **33.9088, 0.3899, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **56.9159, 0.4025, 0.3600**, and if you desaturate by 10%, it is **75.8470, 0.3503, 0.3441**.

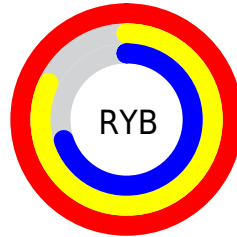
Distribution



Red (100%)

Green (78%)

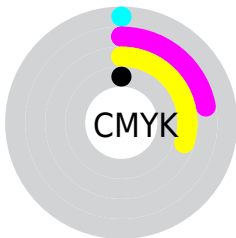
Blue (70%)



Red (100%)

Yellow (82%)

Blue (70%)

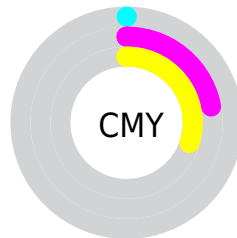


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7829, 0.3743, 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 65.7829, 0.3743, 0.3521 by changing the saturation by 10% instead.


 65.7829, 0.3743,
0.3521

 65.7829, 0.3743,
0.3521


445.6001, 0.3450,
0.3420

 48.0962, 0.3812,
0.3542


 113.1747, 0.3640,
0.3487

 33.9031, 0.3897,
0.3568

143.6485, 0.3600,
0.3474

 22.8191, 0.4006,
0.3599


179.1536, 0.3566,
0.3462

 14.4600, 0.4151,
0.3636

220.0742, 0.3537,
0.3451

 8.4413, 0.4350,
0.3680

266.7947, 0.3511,
0.3442

 4.3786, 0.4640,
0.3730

319.6996, 0.3488,

 1.8875, 0.5162,

0.3434

0.3823

379.1733, 0.3468,
0.3426

0.5409, 0.6298,
0.3702

0.0000, 0.0000,
0.0000

65.7829, 0.3743,
0.3521

65.7829, 0.3743,
0.3521

56.9159, 0.4025,
0.3600

75.8470, 0.3503,
0.3441

49.1967, 0.4350,
0.3672

87.1476, 0.3300,
0.3364

42.5776, 0.4711,
0.3729

99.7269, 0.3130,
0.3291

37.0064, 0.5092,
0.3757

100.0000, 0.3127,
0.3290

■ 32.4257, 0.5464,
0.3746

■ 28.7722, 0.5787,
0.3689

■ 26.0164, 0.6028,
0.3596

Harmonies

Analogous

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



65.7829, 0.3635, 0.3265



65.7829, 0.3743, 0.3521



65.7829, 0.3675, 0.3735

Triad

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



65.7829, 0.3743, 0.3521



65.7829, 0.2861, 0.3576



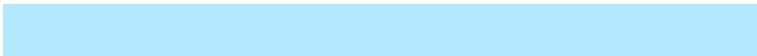
65.7829, 0.2787, 0.2781

Complementary

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



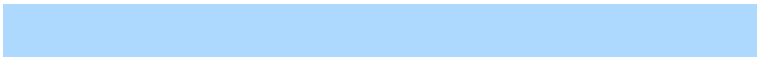
65.7829, 0.3743, 0.3521



74.9424, 0.2663, 0.3045

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.



65.7829, 0.2600, 0.2833



65.7829, 0.3743, 0.3521



65.7829, 0.2641, 0.3284

Square

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



65.7829, 0.3743, 0.3521



65.7829, 0.3159, 0.3786



65.7829, 0.2548, 0.3011



65.7829, 0.3071, 0.2852

Rectangle

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



65.7829, 0.3743, 0.3521



65.7829, 0.3544, 0.3821



65.7829, 0.2548, 0.3011



65.7829, 0.2711, 0.2784

Sweetspot

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



65.7841, 0.3743, 0.3521



88.5963, 0.3278, 0.3355



58.9838, 0.3333, 0.2735



18.5897, 0.3305, 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.



65.7841, 0.3743, 0.3521



60.5033, 0.3901, 0.3567



85.8037, 0.3630, 0.3897



18.8331, 0.3287, 0.3359



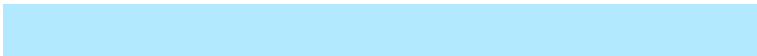
13.8128, 0.5999, 0.3619



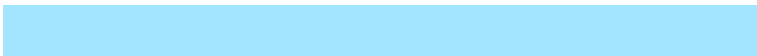
1.5218, 0.5779, 0.3794

Inverse Universe

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



74.9424, 0.2663, 0.3045



70.9245, 0.2578, 0.2991



55.5614, 0.2612, 0.2599



19.5518, 0.2980, 0.3220



21.5361, 0.1980, 0.2329



2.2837, 0.2014, 0.2452

Previews

White Background



This preview shows how the Yxy color 65.7829, 0.3743, 0.3521 looks on a white background.

Color Contrast Check

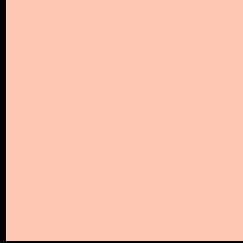
Large Text (above 18pt) WCAG AA × Fail

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 65.7829, 0.3743, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

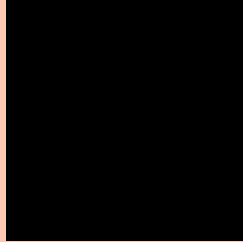
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7829, 0.3743, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 65.7829, 0.3743, 0.3521.



This preview shows how white text looks on a background with the Yxy color 65.7829, 0.3743, 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

65.7829, 0.3743, 0.3521

Protanopia

66.2356, 0.3409, 0.3606

Deuteranopia

65.7725, 0.3657, 0.3580



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.7829, 0.3743, 0.3521

Protanomaly

66.1513, 0.3528, 0.3576

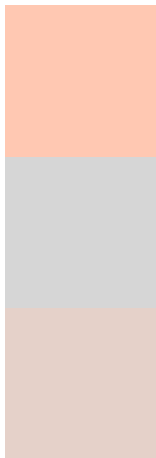
Deuteranomaly

66.0259, 0.3693, 0.3567

Tritanomaly

65.7717, 0.3579, 0.3281

Monochromacy



Original Color

65.7829, 0.3743, 0.3521

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4760, 0.3337, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7829, 0.3743, 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(255, 200, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 178) }
```

Border

The CSS property to change the border of an element to Yxy 65.7829, 0.3743, 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(255, 200, 178) }
```

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

```
.border{ border-color:rgb(255, 200, 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, 200, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7829, 0.3743, 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(255, 200, 178) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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