

Converting Colors

$Y_{xy}(79.7312, 0.3363, 0.3310)$

Have a look what the booklet for
Yxy(79.7312, 0.3363, 0.3310)
contains.

Yxy(79.8452, 0.3362, 0.3311)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.8452, 0.3362, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0DE
RGB	255, 224, 222
RGB Percent	100%, 88%, 87%
CMY	0.0000, 0.1215, 0.1295
CMYK	0.00, 0.12, 0.13, 0.00
HSL	4°, 100%, 94%
HSV	4°, 13%, 100%
XYZ	81.0751, 79.8452, 80.2310
YIQ	233.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

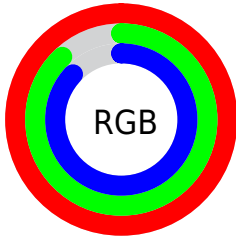
Format	Color
R _Y B	255, 224, 222
Decimal	16769246
CIE Lab	91.62, 10.33, 4.90
CIE LCh	92, 11.434, 25.372
Yxy	79.8452, 0.3362, 0.3311
Android (android.graphics.Color)	4294959326 (0xFFFFE0DE)
YUV	233.0410, -5.4432, 19.2580
Hunter-Lab	89.3561, 5.5843, 9.3140

Details

The Yxy color **79.8452, 0.3362, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.9699, 0.2928, 0.3269**, and the grayscale version is **81.5495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1717, 0.3415, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **66.6123, 0.3594, 0.3329**, and if you desaturate by 10%, it is **95.1021, 0.3175, 0.3295**.

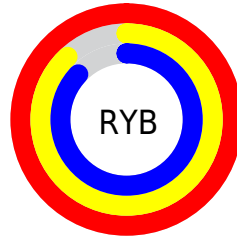
Distribution



Red (100%)

Green (88%)

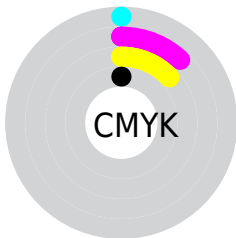
Blue (87%)



Red (100%)

Yellow (88%)

Blue (87%)

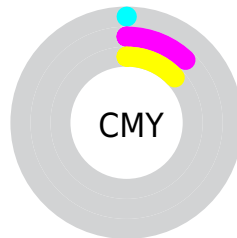


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8452, 0.3362, 0.3311 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 79.8452, 0.3362, 0.3311 by changing the saturation by 10% instead.


 79.8452, 0.3362,
0.3311

 79.8452, 0.3362,
0.3311


494.4110, 0.3255,
0.3303

 59.5910, 0.3386,
0.3313


133.1481, 0.3325,
0.3308

 43.0890, 0.3416,
0.3315


166.9655, 0.3310,
0.3307

 29.9550, 0.3454,
0.3317


206.0728, 0.3298,
0.3306

 19.8044, 0.3503,
0.3320

250.8544, 0.3287,
0.3305

 12.2530, 0.3569,
0.3323

301.6946, 0.3277,
0.3304

 6.9162, 0.3663,
0.3326

358.9778, 0.3269,

 3.4097, 0.3808,

0.3304

0.3329

423.0885, 0.3261,
0.3303

■ 1.3492, 0.4059,
0.3327

■ 0.1788, 0.7024,
0.2976

■ 79.8452, 0.3362,
0.3311

■ 79.8452, 0.3362,
0.3311

■ 66.6123, 0.3594,
0.3329

■ 95.1021, 0.3175,
0.3295

■ 55.3083, 0.3881,
0.3347

99.9980, 0.3127,
0.3290

■ 45.8464, 0.4230,
0.3364

■ 38.1288, 0.4641,
0.3378

■ 32.0490, 0.5099,
0.3386

■ 27.4887, 0.5564,
0.3383

■ 24.3136, 0.5973,
0.3368

■ 22.3659, 0.6257,
0.3342

■ 21.6196, 0.6369,
0.3325

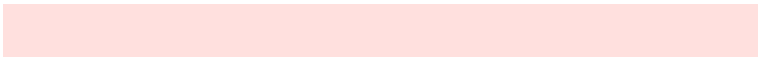
Harmonies

Analogous

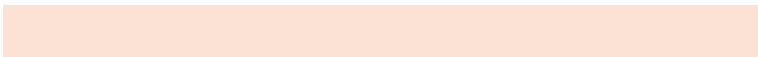
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8452, 0.3269, 0.3198



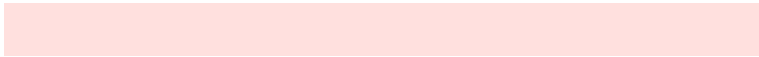
79.8452, 0.3362, 0.3311



79.8452, 0.3391, 0.3422

Triad

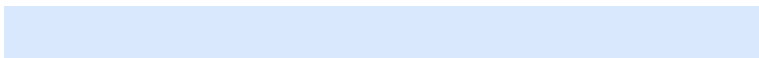
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8452, 0.3362, 0.3311



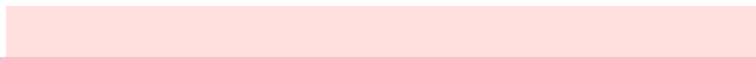
79.8452, 0.3112, 0.3482



79.8452, 0.2910, 0.3080

Complementary

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



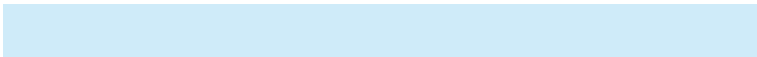
79.8452, 0.3362, 0.3311



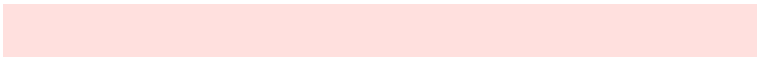
92.9699, 0.2928, 0.3269

Split Complementary

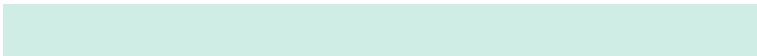
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8452, 0.2870, 0.3151



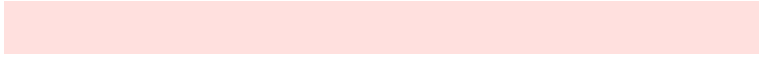
79.8452, 0.3362, 0.3311



79.8452, 0.2985, 0.3384

Square

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



79.8452, 0.3362, 0.3311



79.8452, 0.3245, 0.3524



79.8452, 0.2898, 0.3262



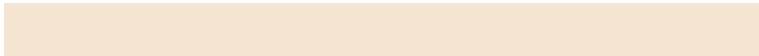
79.8452, 0.3007, 0.3066

Rectangle

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



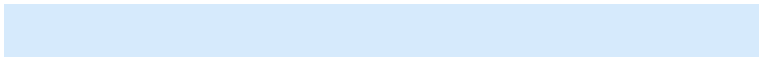
79.8452, 0.3362, 0.3311



79.8452, 0.3370, 0.3480



79.8452, 0.2898, 0.3262



79.8452, 0.2890, 0.3098

Sweetspot

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



79.8488, 0.3362, 0.3311



93.4043, 0.3193, 0.3296



80.6037, 0.3153, 0.2985



19.7349, 0.3206, 0.3297



0.0000, 0.0000, 0.0000



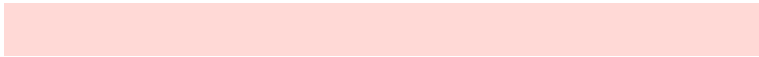
21.4041, 0.3127, 0.3290

Same Dimension

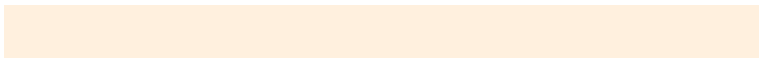
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8488, 0.3362, 0.3311



75.6022, 0.3428, 0.3316



88.9309, 0.3341, 0.3470



18.1663, 0.3293, 0.3305



11.3662, 0.6358, 0.3334



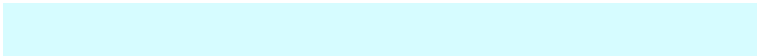
1.1668, 0.6260, 0.3412

Inverse Universe

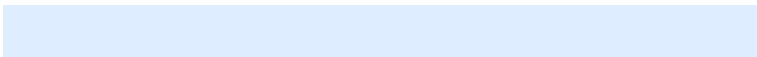
The Inverse Universe completely reimagines the original color for something new.



92.9699, 0.2928, 0.3269



91.4745, 0.2883, 0.3264



83.2185, 0.2924, 0.3103



20.2786, 0.2980, 0.3275



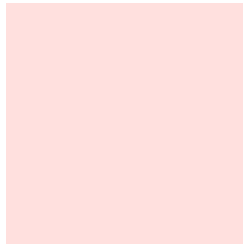
36.2053, 0.2194, 0.3096



3.5809, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 79.8452, 0.3362, 0.3311 looks on a white background.

Color Contrast Check

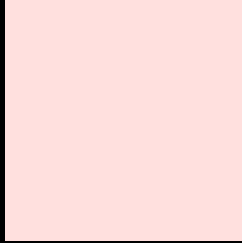
Large Text (above 18pt) WCAG AA × Fail

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 79.8452, 0.3362, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

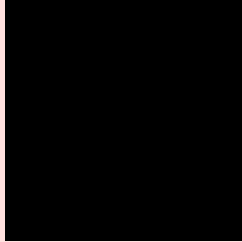
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

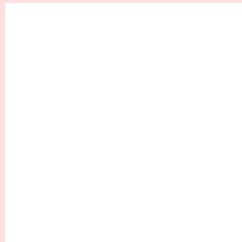
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.8452, 0.3362, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 79.8452, 0.3362, 0.3311.

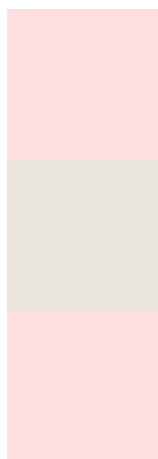


This preview shows how white text looks on a background with the Yxy color 79.8452, 0.3362, 0.3311.

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

79.8452, 0.3362, 0.3311

Protanopia

79.8627, 0.3201, 0.3342

Deuteranopia

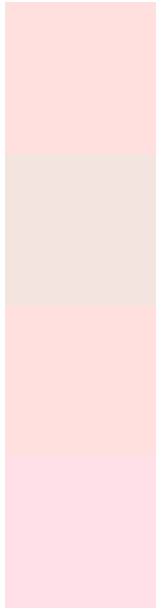
79.8990, 0.3355, 0.3301



Tritanopia

79.6756, 0.3255, 0.3132

Trichromacy



Original Color

79.8452, 0.3362, 0.3311

Protanomaly

79.9233, 0.3258, 0.3331

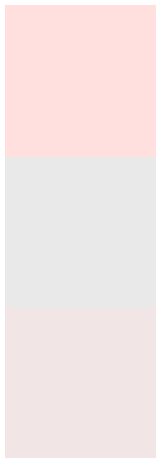
Deuteranomaly

79.8990, 0.3355, 0.3301

Tritanomaly

79.8615, 0.3295, 0.3201

Monochromacy



Original Color

79.8452, 0.3362, 0.3311

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.9515, 0.3209, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8452, 0.3362, 0.3311 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, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 222)  
}
```

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, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 79.8452, 0.3362, 0.3311 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, 224, 222) }
```

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

```
.border{ border-color:rgb(255, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8452, 0.3362, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 222) }
```

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

```
.background{ background-color: rgb(255,  
224, 222) }
```

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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