

Converting Colors

$Y_{xy}(92.8978, 0.4013, 0.3324)$

Have a look what the booklet for
Yxy(92.8978, 0.4013, 0.3324)
contains.

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Color

Yxy(75.1252, 0.3445, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D4
RGB	255, 216, 212
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1529, 0.1688
CMYK	0.00, 0.15, 0.17, 0.00
HSL	6°, 100%, 92%
HSV	6°, 17%, 100%
XYZ	77.6730, 75.1252, 72.6676
YIQ	227.2050, 24.5280, 7.0240

Conversions

Conversions Part 2

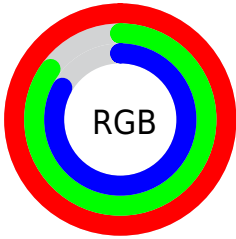
Format	Color
R_{YB}	255, 216, 212
Decimal	16767188
CIE _{Lab}	89.45, 12.93, 7.03
CIE _{LCh}	89, 14.719, 28.545
Yxy	75.1252, 0.3445, 0.3332
Android (android.graphics.Color)	4294957268 (0xFFFFD8D4)
YUV	227.2050, -7.4961, 24.3762
Hunter-Lab	86.6748, 8.2805, 10.9640

Details

The Yxy color **75.1252, 0.3445, 0.3332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1673, 0.2869, 0.3248**, and the grayscale version is **77.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9298, 0.3527, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **62.9259, 0.3694, 0.3359**, and if you desaturate by 10%, it is **89.1981, 0.3243, 0.3306**.

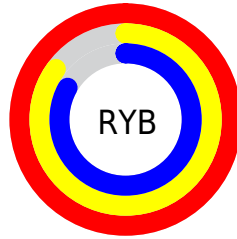
Distribution



Red (100%)

Green (85%)

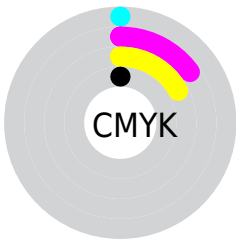
Blue (83%)



Red (100%)

Yellow (85%)

Blue (83%)

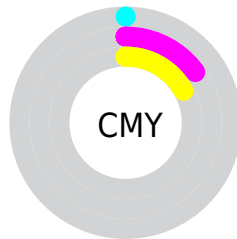


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1252, 0.3445, 0.3332 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 75.1252, 0.3445, 0.3332 by changing the saturation by 10% instead.


 75.1252, 0.3445,
0.3332

 75.1252, 0.3445,
0.3332


478.3478, 0.3298,
0.3315

 55.7155, 0.3479,
0.3336

126.4896, 0.3394,
0.3326

 39.9748, 0.3520,
0.3340


159.2130, 0.3374,
0.3324

 27.5189, 0.3573,
0.3344


197.1431, 0.3357,
0.3322

 17.9633, 0.3642,
0.3350

240.6643, 0.3342,
0.3320

 10.9237, 0.3737,
0.3357

290.1610, 0.3329,
0.3319

 6.0155, 0.3873,
0.3364

346.0175, 0.3317,

 2.8545, 0.4087,

0.3317

0.3370

408.6183, 0.3307,
0.3316

■ 1.0563, 0.4515,
0.3400

■ 0.0000, 1.0000,
0.0000

■ 75.1252, 0.3445,
0.3332

■ 75.1252, 0.3445,
0.3332

■ 62.9259, 0.3694,
0.3359

■ 89.1981, 0.3243,
0.3306

■ 52.5114, 0.3998,
0.3386

99.9984, 0.3127,
0.3290

■ 43.8011, 0.4363,
0.3411

■ 36.7041, 0.4784,
0.3429

■ 31.1210, 0.5240,
0.3436

■ 26.9414, 0.5686,
0.3426

■ 24.0398, 0.6057,
0.3398

■ 22.2679, 0.6295,
0.3355

■ 21.9122, 0.6344,
0.3345

Harmonies

Analogous

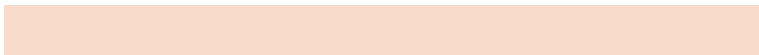
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1252, 0.3329, 0.3183



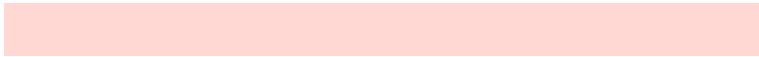
75.1252, 0.3445, 0.3332



75.1252, 0.3473, 0.3475

Triad

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



75.1252, 0.3445, 0.3332



75.1252, 0.3087, 0.3533



75.1252, 0.2853, 0.3009

Complementary

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



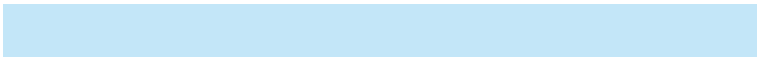
75.1252, 0.3445, 0.3332



90.1673, 0.2869, 0.3248

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.



75.1252, 0.2793, 0.3093



75.1252, 0.3445, 0.3332



75.1252, 0.2926, 0.3398

Square

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



75.1252, 0.3445, 0.3332



75.1252, 0.3263, 0.3598



75.1252, 0.2819, 0.3234



75.1252, 0.2986, 0.3000

Rectangle

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



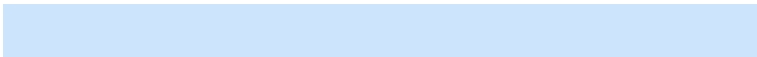
75.1252, 0.3445, 0.3332



75.1252, 0.3438, 0.3548



75.1252, 0.2819, 0.3234



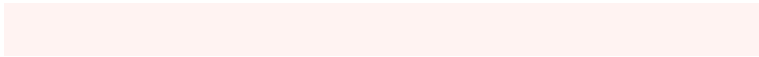
75.1252, 0.2824, 0.3029

Sweetspot

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



75.1286, 0.3445, 0.3332



92.0571, 0.3210, 0.3302



75.3167, 0.3171, 0.2904



19.4735, 0.3222, 0.3304



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

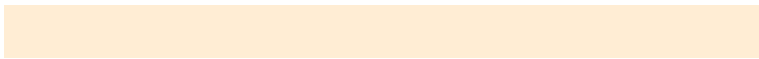
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1286, 0.3445, 0.3332



71.1238, 0.3517, 0.3340



86.6144, 0.3410, 0.3541



18.2620, 0.3292, 0.3313



11.5417, 0.6329, 0.3356



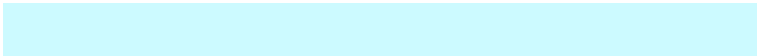
1.2119, 0.6189, 0.3468

Inverse Universe

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



90.1673, 0.2869, 0.3248



88.5513, 0.2824, 0.3239



77.7436, 0.2859, 0.3026



20.1717, 0.2980, 0.3267



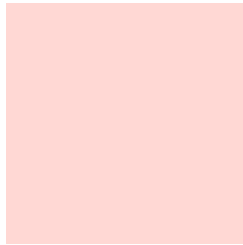
33.7520, 0.2164, 0.2991



3.3680, 0.2175, 0.3028

Previews

White Background



This preview shows how the Yxy color 75.1252, 0.3445, 0.3332 looks on a white background.

Color Contrast Check

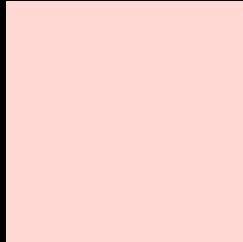
Large Text (above 18pt) WCAG AA × Fail

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 75.1252, 0.3445, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

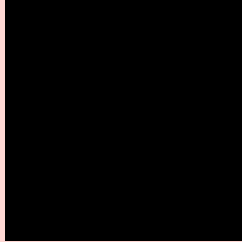
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

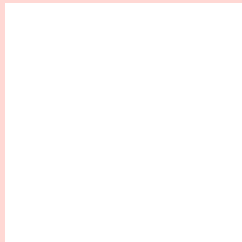
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1252, 0.3445, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 75.1252, 0.3445, 0.3332.

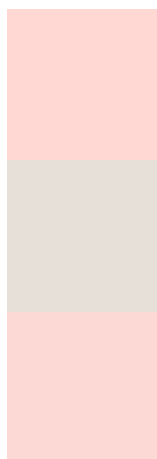


This preview shows how white text looks on a background with the Yxy color 75.1252, 0.3445, 0.3332.

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

75.1252, 0.3445, 0.3332

Protanopia

75.2581, 0.3230, 0.3375

Deuteranopia

75.0746, 0.3421, 0.3342



Tritanopia

75.0663, 0.3318, 0.3130

Trichromacy



Original Color

75.1252, 0.3445, 0.3332

Protanomaly

75.1445, 0.3305, 0.3353

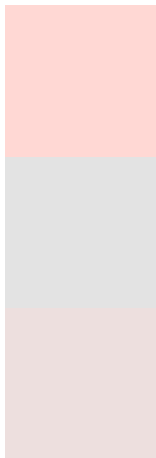
Deuteranomaly

75.2618, 0.3428, 0.3342

Tritanomaly

75.1886, 0.3367, 0.3210

Monochromacy



Original Color

75.1252, 0.3445, 0.3332

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0538, 0.3233, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1252, 0.3445, 0.3332 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, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 212)  
}
```

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, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 75.1252, 0.3445, 0.3332 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, 216, 212) }
```

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

```
.border{ border-color:rgb(255, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1252, 0.3445, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 212) }
```

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

```
.background{ background-color: rgb(255,  
216, 212) }
```

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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