

Converting Colors

$Y_{xy}(75.4207, 0.3455, 0.3354)$

Have a look what the booklet for
Yxy(75.4207, 0.3455, 0.3354)
contains.

Yxy(75.5389, 0.3458, 0.3362)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.5389, 0.3458, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D2
RGB	255, 217, 210
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1491, 0.1765
CMYK	0.00, 0.15, 0.18, 0.00
HSL	9°, 100%, 91%
HSV	9°, 18%, 100%
XYZ	77.6959, 75.5389, 71.4496
YIQ	227.5640, 24.8950, 5.8790

Conversions

Conversions Part 2

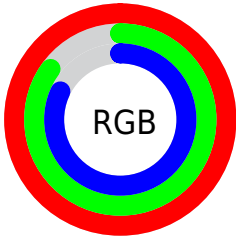
Format	Color
R _Y B	255, 218, 210
Decimal	16767442
CIE Lab	89.64, 12.14, 8.35
CIE LCh	90, 14.736, 34.510
Yxy	75.5389, 0.3458, 0.3362
Android (android.graphics.Color)	4294957522 (0xFFFFD9D2)
YUV	227.5640, -8.6591, 24.0614
Hunter-Lab	86.9131, 7.4719, 12.0980

Details

The Yxy color **75.5389, 0.3458, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0525, 0.2857, 0.3217**, and the grayscale version is **77.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2467, 0.3534, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **63.9778, 0.3703, 0.3406**, and if you desaturate by 10%, it is **88.7413, 0.3256, 0.3320**.

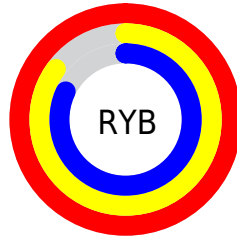
Distribution



Red (100%)

Green (85%)

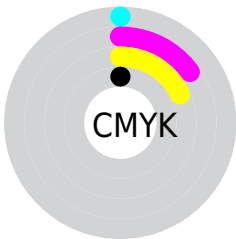
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

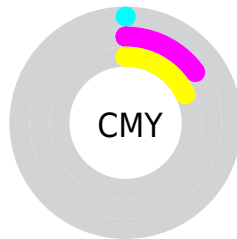


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5389, 0.3458, 0.3362 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 75.5389, 0.3458, 0.3362 by changing the saturation by 10% instead.


 75.5389, 0.3458,
0.3362

 75.5389, 0.3458,
0.3362

479.7678, 0.3305,
0.3331

 56.0545, 0.3493,
0.3369

127.0749, 0.3405,
0.3352

 40.2466, 0.3536,
0.3376

159.8953, 0.3384,
0.3348

 27.7309, 0.3591,
0.3386


197.9298, 0.3366,
0.3344

 18.1229, 0.3663,
0.3397

241.5628, 0.3351,
0.3341

 11.0383, 0.3761,
0.3412

291.1787, 0.3337,
0.3338

 6.0926, 0.3902,
0.3430

347.1619, 0.3325,

 2.9015, 0.4122,

0.3335

0.3452

409.8968, 0.3314,
0.3333

1.0805, 0.4583,
0.3527

0.0000, 1.0000,
0.0000

75.5389, 0.3458,
0.3362

75.5389, 0.3458,
0.3362

63.9778, 0.3703,
0.3406

88.7413, 0.3256,
0.3320

54.0069, 0.4000,
0.3450

100.0000, 0.3127,
0.3290

45.5520, 0.4352,
0.3490

38.5383, 0.4755,
0.3521

■ 32.8846, 0.5189,
0.3534

■ 28.5017, 0.5616,
0.3522

■ 25.2891, 0.5980,
0.3480

■ 23.1297, 0.6230,
0.3414

■ 22.7559, 0.6274,
0.3400

Harmonies

Analogous

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



75.5389, 0.3358, 0.3212



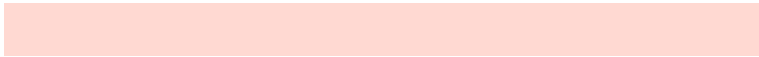
75.5389, 0.3458, 0.3362



75.5389, 0.3467, 0.3499

Triad

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



75.5389, 0.3458, 0.3362



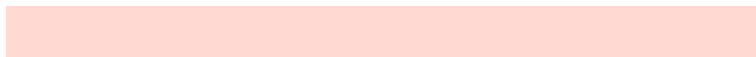
75.5389, 0.3053, 0.3511



75.5389, 0.2875, 0.3001

Complementary

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



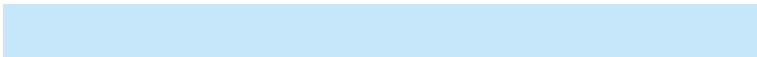
75.5389, 0.3458, 0.3362



88.0525, 0.2857, 0.3217

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.



75.5389, 0.2798, 0.3071



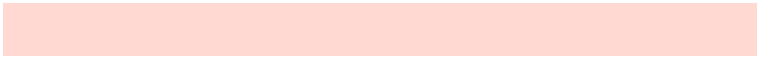
75.5389, 0.3458, 0.3362



75.5389, 0.2899, 0.3366

Square

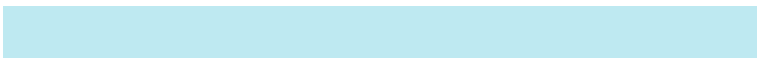
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5389, 0.3458, 0.3362



75.5389, 0.3229, 0.3591



75.5389, 0.2807, 0.3203



75.5389, 0.3019, 0.3007

Rectangle

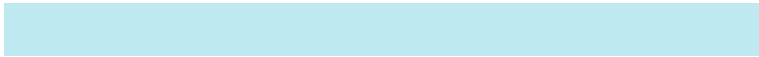
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



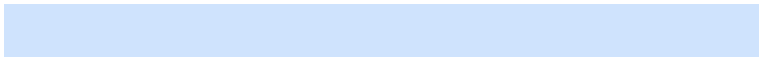
75.5389, 0.3458, 0.3362



75.5389, 0.3419, 0.3564



75.5389, 0.2807, 0.3203



75.5389, 0.2840, 0.3016

Sweetspot

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



75.5342, 0.3458, 0.3362



92.5280, 0.3209, 0.3309



74.1402, 0.3194, 0.2914



19.5875, 0.3221, 0.3312



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

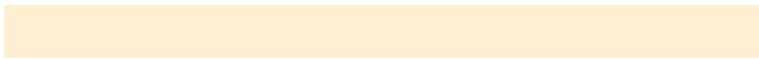
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5342, 0.3458, 0.3362



71.4840, 0.3535, 0.3377



87.7897, 0.3420, 0.3582



18.4432, 0.3291, 0.3328



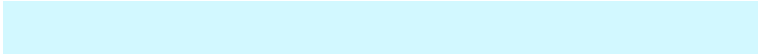
12.0252, 0.6253, 0.3417



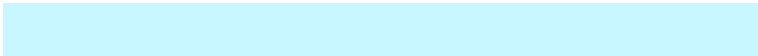
1.2970, 0.6065, 0.3566

Inverse Universe

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



88.0525, 0.2857, 0.3217



86.0185, 0.2807, 0.3202



75.1727, 0.2844, 0.2980



19.9715, 0.2980, 0.3252



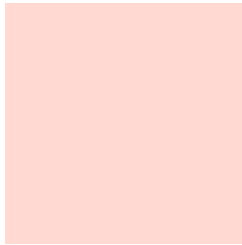
29.4347, 0.2107, 0.2786



2.9899, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 75.5389, 0.3458, 0.3362 looks on a white background.

Color Contrast Check

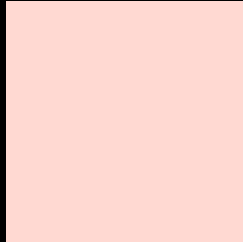
Large Text (above 18pt) WCAG AA × Fail

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 75.5389, 0.3458, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

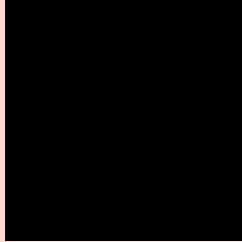
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

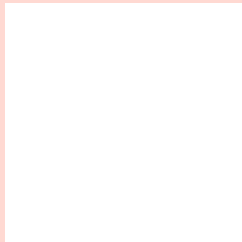
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5389, 0.3458, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 75.5389, 0.3458, 0.3362.

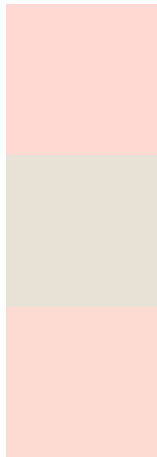


This preview shows how white text looks on a background with the Yxy color 75.5389, 0.3458, 0.3362.

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

75.5389, 0.3458, 0.3362

Protanopia

75.8613, 0.3249, 0.3407

Deuteranopia

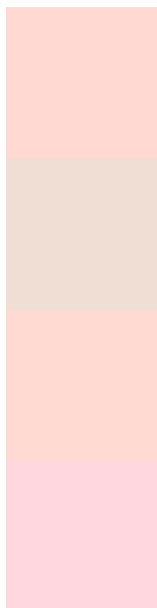
75.6786, 0.3441, 0.3372



Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.5389, 0.3458, 0.3362

Protanomaly

75.5719, 0.3317, 0.3385

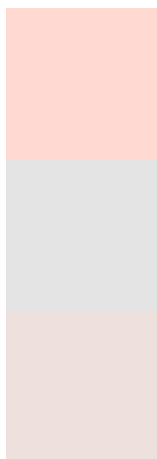
Deuteranomaly

75.8668, 0.3448, 0.3372

Tritanomaly

75.6994, 0.3366, 0.3220

Monochromacy



Original Color

75.5389, 0.3458, 0.3362

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7089, 0.3246, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5389, 0.3458, 0.3362 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, 217, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 210)  
}
```

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, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 210) }
```

Border

The CSS property to change the border of an element to Yxy 75.5389, 0.3458, 0.3362 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, 217, 210) }
```

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

```
.border{ border-color:rgb(255, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5389, 0.3458, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 210) }
```

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

```
.background{ background-color: rgb(255,  
217, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor