

Converting Colors

$Y_{xy}(75.1783, 0.3520, 0.3451)$

Have a look what the booklet for
Yxy(75.1783, 0.3520, 0.3451)
contains.

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Color

Yxy(75.1028, 0.3523, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C9
RGB	255, 217, 201
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1490, 0.2117
CMYK	0.00, 0.15, 0.21, 0.00
HSL	18°, 100%, 89%
HSV	18°, 21%, 100%
XYZ	76.6031, 75.1028, 65.7313
YIQ	226.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

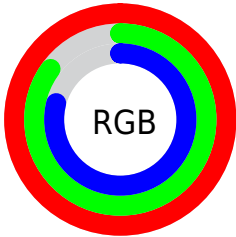
Format	Color
R _Y B	255, 224, 201
Decimal	16767433
CIE Lab	89.44, 10.82, 12.76
CIE LCh	89, 16.732, 49.714
Yxy	75.1028, 0.3523, 0.3454
Android (android.graphics.Color)	4294957513 (0xFFFFD9C9)
YUV	226.5380, -12.5902, 24.9612
Hunter-Lab	86.6619, 6.1234, 15.6931

Details

The Yxy color **75.1028, 0.3523, 0.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3900, 0.2799, 0.3120**, and the grayscale version is **76.5407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9530, 0.3620, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **65.2424, 0.3766, 0.3537**, and if you desaturate by 10%, it is **86.1684, 0.3318, 0.3374**.

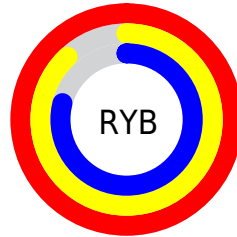
Distribution



Red (100%)

Green (85%)

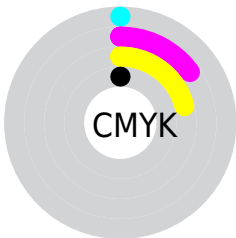
Blue (79%)



Red (100%)

Yellow (88%)

Blue (79%)

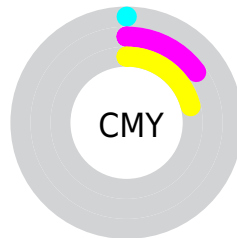


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1028, 0.3523, 0.3454 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 75.1028, 0.3523, 0.3454 by changing the saturation by 10% instead.


 75.1028, 0.3523,
0.3454

 75.1028, 0.3523,
0.3454


478.2708, 0.3339,
0.3381

 55.6971, 0.3565,
0.3470

126.4579, 0.3459,
0.3429

 39.9601, 0.3617,
0.3489


159.1760, 0.3434,
0.3420

 27.5075, 0.3683,
0.3512


197.1005, 0.3413,
0.3411

 17.9547, 0.3769,
0.3542

240.6156, 0.3395,
0.3404

 10.9175, 0.3885,
0.3579

290.1058, 0.3378,
0.3397

 6.0114, 0.4053,
0.3629

345.9555, 0.3364,

 2.8520, 0.4313,

0.3391

0.3695

408.5490, 0.3351,
0.3386

1.0550, 0.5055,
0.4011

0.0000, 1.0000,
0.0000

75.1028, 0.3523,
0.3454

75.1028, 0.3523,
0.3454

65.2424, 0.3766,
0.3537

86.1684, 0.3318,
0.3374

56.5467, 0.4050,
0.3618

98.4804, 0.3145,
0.3298

48.9708, 0.4375,
0.3692

100.0000, 0.3127,
0.3290

42.4674, 0.4735,
0.3748

■ 36.9854, 0.5112,
0.3776

■ 32.4691, 0.5477,
0.3762

■ 28.8567, 0.5790,
0.3700

■ 26.3547, 0.6005,
0.3614

Harmonies

Analogous

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



75.1028, 0.3459, 0.3286



75.1028, 0.3523, 0.3454



75.1028, 0.3476, 0.3586

Triad

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



75.1028, 0.3523, 0.3454



75.1028, 0.2947, 0.3464



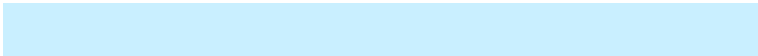
75.1028, 0.2915, 0.2956

Complementary

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



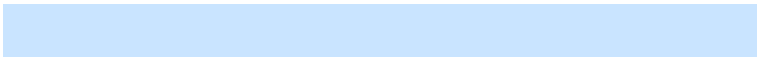
75.1028, 0.3523, 0.3454



81.3900, 0.2799, 0.3120

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.



75.1028, 0.2787, 0.2990



75.1028, 0.3523, 0.3454



75.1028, 0.2805, 0.3280

Square

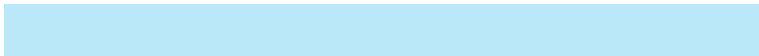
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1028, 0.3523, 0.3454



75.1028, 0.3141, 0.3599



75.1028, 0.2747, 0.3107



75.1028, 0.3104, 0.3005

Rectangle

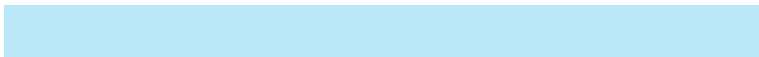
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1028, 0.3523, 0.3454



75.1028, 0.3390, 0.3634



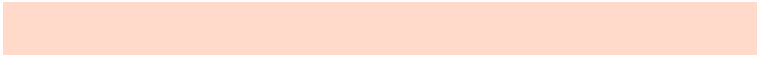
75.1028, 0.2747, 0.3107



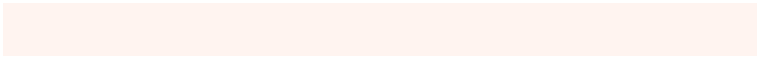
75.1028, 0.2864, 0.2958

Sweetspot

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



75.1023, 0.3523, 0.3454



92.3719, 0.3225, 0.3334



69.3185, 0.3261, 0.2905



19.5996, 0.3236, 0.3339



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.



75.1023, 0.3523, 0.3454



71.1825, 0.3611, 0.3486



89.7623, 0.3470, 0.3711



18.8630, 0.3287, 0.3361



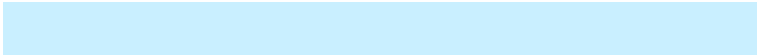
13.9951, 0.5976, 0.3637



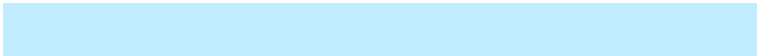
1.5428, 0.5755, 0.3813

Inverse Universe

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



81.3900, 0.2799, 0.3120



78.3975, 0.2740, 0.3085



67.0882, 0.2779, 0.2830



19.5203, 0.2980, 0.3218



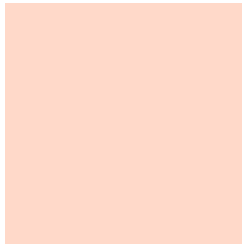
21.0045, 0.1970, 0.2293



2.2353, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 75.1028, 0.3523, 0.3454 looks on a white background.

Color Contrast Check

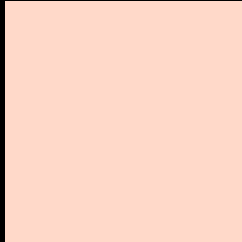
Large Text (above 18pt) WCAG AA × Fail

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 75.1028, 0.3523, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

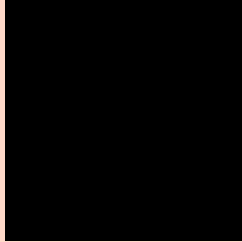
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1028, 0.3523, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 75.1028, 0.3523, 0.3454.

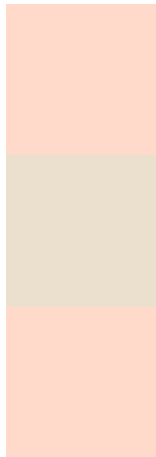


This preview shows how white text looks on a background with the Yxy color 75.1028, 0.3523, 0.3454.

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

75.1028, 0.3523, 0.3454

Protanopia

75.2115, 0.3326, 0.3493

Deuteranopia

75.1028, 0.3523, 0.3454



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

75.1028, 0.3523, 0.3454

Protanomaly

74.9498, 0.3396, 0.3469

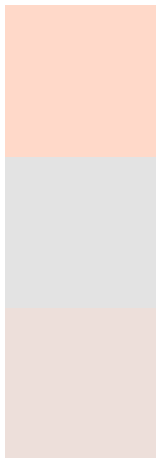
Deuteranomaly

75.1028, 0.3523, 0.3454

Tritanomaly

74.9754, 0.3396, 0.3250

Monochromacy



Original Color

75.1028, 0.3523, 0.3454

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8418, 0.3260, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1028, 0.3523, 0.3454 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 201) }
```

Border

The CSS property to change the border of an element to Yxy 75.1028, 0.3523, 0.3454 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, 201) }
```

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

```
.border{ border-color:rgb(255, 217, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1028, 0.3523, 0.3454 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
217, 201) }
```

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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