

Converting Colors

$Yxy(90.0469, 0.4542, 0.3481)$

Have a look what the booklet for
Yxy(90.0469, 0.4542, 0.3481)
contains.

Yxy(65.1628, 0.3778, 0.3552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.1628, 0.3778, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7AE
RGB	255, 199, 174
RGB Percent	100%, 78%, 68%
CMY	0.0000, 0.2196, 0.3175
CMYK	0.00, 0.22, 0.32, 0.00
HSL	19°, 100%, 84%
HSV	19°, 32%, 100%
XYZ	69.3089, 65.1628, 48.9822
YIQ	212.8940, 41.4010, 4.0970

Conversions

Conversions Part 2

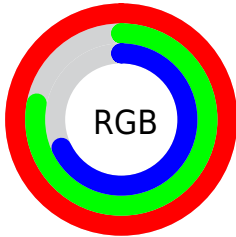
Format	Color
R _Y B	255, 210, 174
Decimal	16762798
CIE Lab	84.57, 16.56, 20.15
CIE LCh	85, 26.080, 50.578
Yxy	65.1628, 0.3778, 0.3552
Android (android.graphics.Color)	4294952878 (0xFFFFC7AE)
YUV	212.8940, -19.1747, 36.9270
Hunter-Lab	80.7235, 11.9933, 20.5299

Details

The Yxy color $65.1628, 0.3778, 0.3552$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $72.8311, 0.2638, 0.3010$, and the grayscale version is $66.5756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $33.5263, 0.3936, 0.3599$ is the 20% darker color. If you saturate the color by 10%, you get $56.6104, 0.4062, 0.3637$, and if you desaturate by 10%, it is $74.8457, 0.3535, 0.3466$.

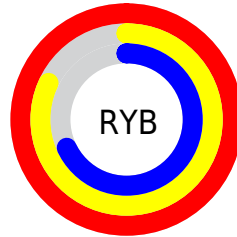
Distribution



Red (100%)

Green (78%)

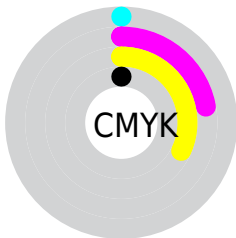
Blue (68%)



Red (100%)

Yellow (82%)

Blue (68%)

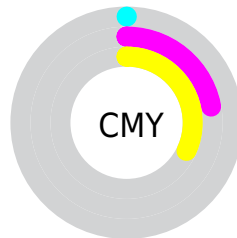


Cyan (0%)

Magenta (22%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1628, 0.3778, 0.3552 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 65.1628, 0.3778, 0.3552 by changing the saturation by 10% instead.


 65.1628, 0.3778,
0.3552

 65.1628, 0.3778,
0.3552


443.3768, 0.3468,
0.3437

 47.5931, 0.3851,
0.3576


 112.2839, 0.3669,
0.3513

 33.5048, 0.3941,
0.3606


142.6041, 0.3627,
0.3498

 22.5134, 0.4057,
0.3640

177.9432, 0.3591,
0.3485

 14.2346, 0.4209,
0.3683

218.6856, 0.3560,
0.3473

 8.2840, 0.4420,
0.3733

265.2158, 0.3533,
0.3462

 4.2772, 0.4723,
0.3788

317.9181, 0.3509,

 1.8298, 0.5326,

0.3453

0.3928

377.1770, 0.3487,
0.3444

0.5057, 0.6366,
0.3634

0.0000, 0.0000,
0.0000

65.1628, 0.3778,
0.3552

65.1628, 0.3778,
0.3552

56.6104, 0.4062,
0.3637

74.8457, 0.3535,
0.3466

49.1441, 0.4385,
0.3713

85.6976, 0.3328,
0.3382

42.7189, 0.4742,
0.3771

97.7574, 0.3155,
0.3303

37.2856, 0.5113,
0.3798

100.0000, 0.3127,
0.3290

■ 32.7910, 0.5470,
0.3783

■ 29.1752, 0.5776,
0.3720

■ 26.8003, 0.5974,
0.3638

Harmonies

Analogous

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



65.1628, 0.3679, 0.3284



65.1628, 0.3778, 0.3552



65.1628, 0.3692, 0.3772

Triad

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



65.1628, 0.3778, 0.3552



65.1628, 0.2824, 0.3570



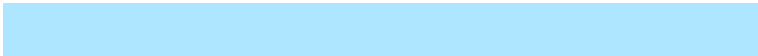
65.1628, 0.2789, 0.2756

Complementary

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



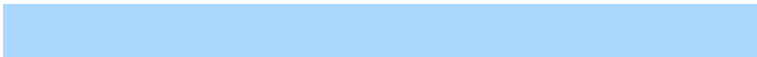
65.1628, 0.3778, 0.3552



72.8311, 0.2638, 0.3010

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.



65.1628, 0.2583, 0.2800



65.1628, 0.3778, 0.3552



65.1628, 0.2602, 0.3258

Square

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



65.1628, 0.3778, 0.3552



65.1628, 0.3133, 0.3803



65.1628, 0.2517, 0.2976



65.1628, 0.3094, 0.2840

Rectangle

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



65.1628, 0.3778, 0.3552



65.1628, 0.3545, 0.3856



65.1628, 0.2517, 0.2976



65.1628, 0.2707, 0.2756

Sweetspot

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



65.1634, 0.3778, 0.3552



87.7246, 0.3296, 0.3368



57.2956, 0.3357, 0.2718



18.4284, 0.3322, 0.3379



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.



65.1634, 0.3778, 0.3552



59.6915, 0.3950, 0.3605



85.9362, 0.3654, 0.3941



18.9007, 0.3287, 0.3364



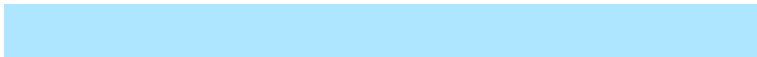
14.2348, 0.5945, 0.3662



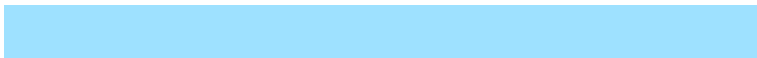
1.5700, 0.5724, 0.3837

Inverse Universe

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



72.8311, 0.2638, 0.3010



68.4126, 0.2546, 0.2946



53.1448, 0.2581, 0.2541



19.4805, 0.2980, 0.3215



20.3482, 0.1958, 0.2249



2.1754, 0.1995, 0.2381

Previews

White Background



This preview shows how the Yxy color 65.1628, 0.3778, 0.3552 looks on a white background.

Color Contrast Check

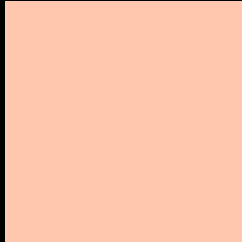
Large Text (above 18pt) WCAG AA × Fail

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 65.1628, 0.3778, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

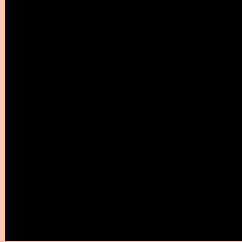
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1628, 0.3778, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 65.1628, 0.3778, 0.3552.



This preview shows how white text looks on a background with the Yxy color 65.1628, 0.3778, 0.3552.

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

65.1628, 0.3778, 0.3552

Protanopia

65.4134, 0.3432, 0.3642

Deuteranopia

65.1415, 0.3691, 0.3613



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.1628, 0.3778, 0.3552

Protanomaly

65.3324, 0.3552, 0.3610

Deuteranomaly

65.3979, 0.3727, 0.3599

Tritanomaly

65.1780, 0.3605, 0.3302

Monochromacy



Original Color

65.1628, 0.3778, 0.3552

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7293, 0.3345, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1628, 0.3778, 0.3552 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, 199, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 174)  
}
```

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, 199, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 174) }
```

Border

The CSS property to change the border of an element to Yxy 65.1628, 0.3778, 0.3552 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, 199, 174) }
```

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

```
.border{ border-color:rgb(255, 199, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1628, 0.3778, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 174) }
```

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

```
.background{ background-color: rgb(255,  
199, 174) }
```

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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