

Converting Colors

Yxy(66.3411, 0.5199, 0.3384)

Have a look what the booklet for
Yxy(66.3411, 0.5199, 0.3384)
contains.

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Color

Yxy(42.1645, 0.4469, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E80
RGB	255, 142, 128
RGB Percent	100%, 56%, 50%
CMY	0.0000, 0.4431, 0.4981
CMYK	0.00, 0.44, 0.50, 0.00
HSL	7°, 100%, 75%
HSV	7°, 50%, 100%
XYZ	54.8089, 42.1645, 25.6691
YIQ	174.1910, 71.8420, 19.6020

Conversions

Conversions Part 2

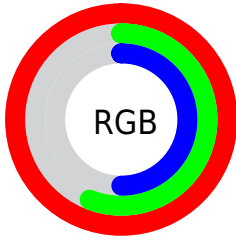
Format	Color
R_{YB}	255, 144, 128
Decimal	16748160
CIE _{Lab}	70.98, 41.24, 26.42
CIE _{LCh}	71, 48.979, 32.646
Yxy	42.1645, 0.4469, 0.3438
Android (android.graphics.Color)	4294938240 (0xFFFF8E80)
YUV	174.1910, -22.7722, 70.8695
Hunter-Lab	64.9342, 37.0315, 22.0161

Details

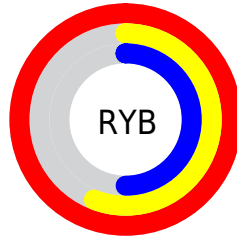
The Yxy color **42.1645, 0.4469, 0.3438** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.7105, 0.2443, 0.3125**, and the grayscale version is **42.5236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5287, 0.3727, 0.3458**, and **19.1786, 0.4856, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **35.4995, 0.4898, 0.3457**, and if you desaturate by 10%, it is **50.3762, 0.4092, 0.3411**.

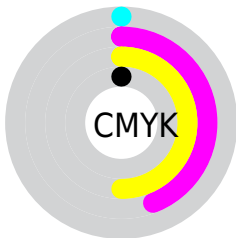
Distribution



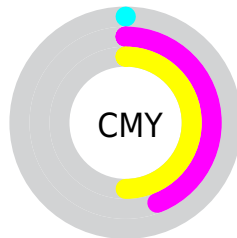
- Red (100%)
- Green (56%)
- Blue (50%)



- Red (100%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1645, 0.4469, 0.3438 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 42.1645, 0.4469, 0.3438 by changing the saturation by 10% instead.


 42.1645, 0.4469,
0.3438

 42.1645, 0.4469,
0.3438

355.1644, 0.3782,
0.3398


 29.2301, 0.4641,
0.3436


 78.4485, 0.4218,
0.3432

 19.2550, 0.4862,
0.3427


 102.5670, 0.4124,
0.3427

 11.8547, 0.5151,
0.3402


 131.1822, 0.4045,
0.3422

 6.6448, 0.5542,
0.3344

164.6787, 0.3977,
0.3417

 3.2410, 0.6103,
0.3220

203.4407, 0.3918,
0.3412

 1.2588, 0.7026,
0.2974

247.8528, 0.3867,

 0.1090, 0.9128,

0.3407

0.0872

298.2992, 0.3822,
0.3402

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.1645, 0.4469,
0.3438

■ 42.1645, 0.4469,
0.3438

■ 35.4995, 0.4898,
0.3457

■ 50.3762, 0.4092,
0.3411

■ 30.2779, 0.5351,
0.3461

■ 60.2166, 0.3773,
0.3380

■ 26.3942, 0.5780,
0.3444

■ 71.7693, 0.3511,
0.3348

■ 23.7253, 0.6119,
0.3406

■ 85.1106, 0.3298,
0.3318

■ 22.1192, 0.6326,
0.3358

100.0000, 0.3127,
0.3290

■ 22.0971, 0.6329,
0.3357

Harmonies

Analogous

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



42.1645, 0.4023, 0.2929



42.1645, 0.4469, 0.3438



42.1645, 0.4489, 0.3966

Triad

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



42.1645, 0.4469, 0.3438



42.1645, 0.2824, 0.4301



42.1645, 0.2147, 0.2218

Complementary

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



42.1645, 0.4469, 0.3438



74.7105, 0.2443, 0.3125

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.



42.1645, 0.1913, 0.2423



42.1645, 0.4469, 0.3438



42.1645, 0.2261, 0.3618

Square

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



42.1645, 0.4469, 0.3438



42.1645, 0.3504, 0.4591



42.1645, 0.1947, 0.2906



42.1645, 0.2636, 0.2261

Rectangle

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



42.1645, 0.4469, 0.3438



42.1645, 0.4277, 0.4282



42.1645, 0.1947, 0.2906



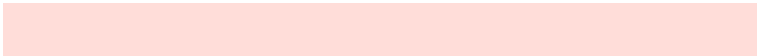
42.1645, 0.2040, 0.2257

Sweetspot

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



42.1667, 0.4469, 0.3438



77.9542, 0.3403, 0.3333



43.1253, 0.3296, 0.2186



16.0938, 0.3449, 0.3340



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.



42.1667, 0.4469, 0.3438



35.3851, 0.4906, 0.3457



66.0979, 0.4108, 0.4067



18.3096, 0.3292, 0.3317



11.6490, 0.6312, 0.3370



1.2343, 0.6156, 0.3494

Inverse Universe

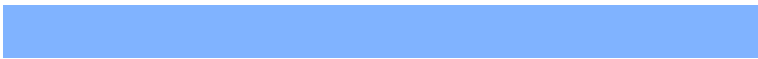
The Inverse Universe completely reimagines the original color for something new.



74.7105, 0.2443, 0.3125



71.2620, 0.2345, 0.3086



43.9671, 0.2291, 0.2341



20.1188, 0.2980, 0.3263



32.5769, 0.2150, 0.2938



3.2655, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 42.1645, 0.4469, 0.3438 looks on a white background.

Color Contrast Check

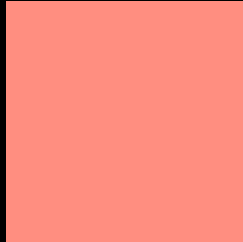
Large Text (above 18pt) WCAG AA × Fail

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 42.1645, 0.4469, 0.3438 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 42.1645, 0.4469, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 42.1645, 0.4469, 0.3438.

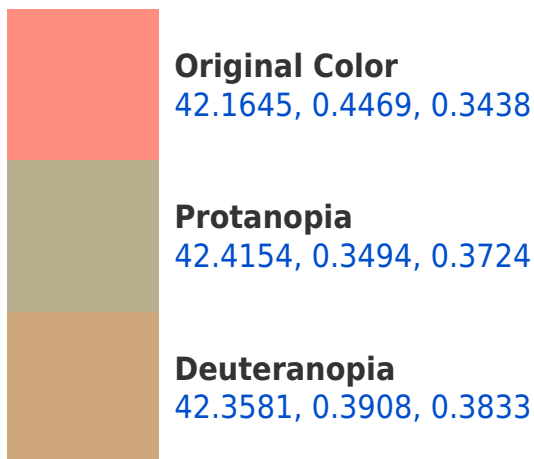


This preview shows how white text looks on a background with the Yxy color 42.1645, 0.4469, 0.3438.

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





Tritanopia

42.2182, 0.4239, 0.3189

Trichromacy



Original Color

42.1645, 0.4469, 0.3438

Protanomaly

41.3484, 0.3838, 0.3605

Deuteranomaly

41.7817, 0.4113, 0.3683

Tritanomaly

42.2627, 0.4323, 0.3283

Monochromacy



Original Color

42.1645, 0.4469, 0.3438

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

40.9715, 0.3573, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1645, 0.4469, 0.3438 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, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 128)  
}
```

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, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 128) }
```

Border

The CSS property to change the border of an element to Yxy 42.1645, 0.4469, 0.3438 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, 142, 128) }
```

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

```
.border{ border-color:rgb(255, 142, 128) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1645, 0.4469, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 128) }
```

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

```
.background{ background-color: rgb(255,  
142, 128) }
```

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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