

Converting Colors

$Y_{xy}(49.9530, 0.4122, 0.3518)$

Have a look what the booklet for
Yxy(49.9530, 0.4122, 0.3518)
contains.

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Color

Yxy(49.8260, 0.4131, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	FBA691
RGB	251, 166, 145
RGB Percent	98%, 65%, 57%
CMY	0.0158, 0.3489, 0.4314
CMYK	0.00, 0.34, 0.42, 0.02
HSL	12°, 93%, 78%
HSV	12°, 42%, 98%
XYZ	58.5247, 49.8260, 33.3212
YIQ	189.0210, 57.4010, 11.4890

Conversions

Conversions Part 2

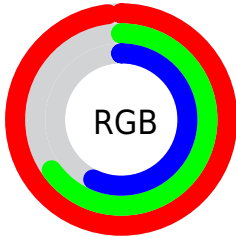
Format	Color
R _Y B	251, 171, 145
Decimal	16492177
CIE Lab	75.96, 28.98, 23.78
CIE LCh	76, 37.490, 39.366
Yxy	49.8260, 0.4131, 0.3517
Android (android.graphics.Color)	4294682257 (0xFFFB691)
YUV	189.0210, -21.7024, 54.3556
Hunter-Lab	70.5875, 24.4675, 21.4231

Details

The Yxy color **49.8260, 0.4131, 0.3517** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.5554, 0.2510, 0.3043**, and the grayscale version is **51.0050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6261, 0.3527, 0.3525**, and **23.8249, 0.4420, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **42.3850, 0.4493, 0.3564**, and if you desaturate by 10%, it is **58.5874, 0.3820, 0.3463**.

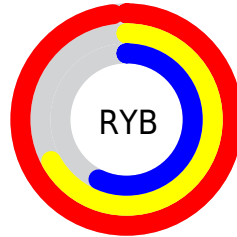
Distribution



Red (98%)

Green (65%)

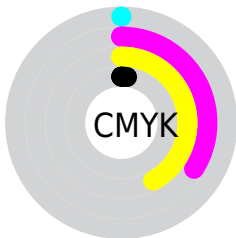
Blue (57%)



Red (98%)

Yellow (67%)

Blue (57%)

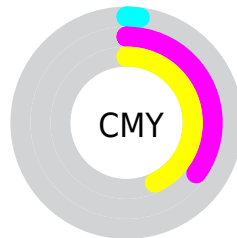


Cyan (0%)

Magenta (34%)

Yellow (42%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8260, 0.4131, 0.3517 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 49.8260, 0.4131, 0.3517 by changing the saturation by 10% instead.


 49.8260, 0.4131,
0.3517


 49.8260, 0.4131,
0.3517


385.9851, 0.3630,
0.3425

 35.2752, 0.4254,
0.3533


 89.9170, 0.3950,
0.3489

 23.8749, 0.4410,
0.3549


 116.2260, 0.3882,
0.3477

 15.2409, 0.4614,
0.3563


147.2231, 0.3824,
0.3466

 8.9886, 0.4889,
0.3570

183.2928, 0.3774,
0.3456

 4.7337, 0.5276,
0.3554

224.8195, 0.3731,
0.3447

 2.0919, 0.5997,
0.3558

272.1875, 0.3693,

 0.6601, 0.6853,

0.3439

0.3147

325.7812, 0.3660,
0.3432

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8260, 0.4131,
0.3517

49.8260, 0.4131,
0.3517

42.3850, 0.4493,
0.3564

58.5874, 0.3820,
0.3463

36.1925, 0.4896,
0.3597

68.7216, 0.3558,
0.3407

31.1809, 0.5316,
0.3604

80.2875, 0.3341,
0.3352

27.2732, 0.5711,
0.3578

93.3379, 0.3163,
0.3301

■ 24.3822, 0.6030,
0.3517

■ 99.2450, 0.3102,
0.3290

■ 22.7667, 0.6206,
0.3454

Harmonies

Analogous

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



49.8260, 0.3870, 0.3115



49.8260, 0.4131, 0.3517



49.8260, 0.4092, 0.3902

Triad

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



49.8260, 0.4131, 0.3517



49.8260, 0.2813, 0.3909



49.8260, 0.2464, 0.2477

Complementary

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



49.8260, 0.4131, 0.3517



69.5554, 0.2510, 0.3043

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.



49.8260, 0.2235, 0.2603



49.8260, 0.4131, 0.3517



49.8260, 0.2420, 0.3415

Square

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



49.8260, 0.4131, 0.3517



49.8260, 0.3312, 0.4195



49.8260, 0.2218, 0.2930



49.8260, 0.2878, 0.2542

Rectangle

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



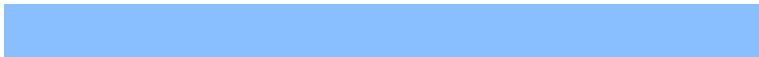
49.8260, 0.4131, 0.3517



49.8260, 0.3911, 0.4101



49.8260, 0.2218, 0.2930



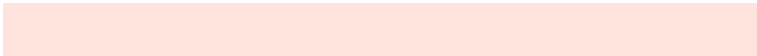
49.8260, 0.2365, 0.2497

Sweetspot

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



49.8284, 0.4131, 0.3517



82.2463, 0.3357, 0.3356



46.5570, 0.3345, 0.2418



17.0148, 0.3402, 0.3368



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.



49.8284, 0.4131, 0.3517



44.7891, 0.4447, 0.3559



72.3910, 0.3894, 0.4038



17.7824, 0.3289, 0.3338



12.1300, 0.6182, 0.3474



1.2647, 0.5966, 0.3645

Inverse Universe

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



69.5554, 0.2510, 0.3043



67.7309, 0.2403, 0.2982



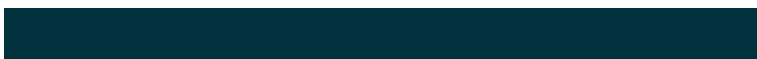
45.0480, 0.2403, 0.2400



18.9893, 0.2980, 0.3242



25.8841, 0.2067, 0.2640



2.5410, 0.2091, 0.2726

Previews

White Background



This preview shows how the Yxy color 49.8260, 0.4131, 0.3517 looks on a white background.

Color Contrast Check

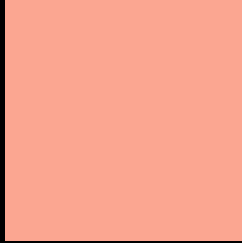
Large Text (above 18pt) WCAG AA × Fail

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 49.8260, 0.4131, 0.3517 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 49.8260, 0.4131, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 49.8260, 0.4131, 0.3517.



This preview shows how white text looks on a background with the Yxy color 49.8260, 0.4131, 0.3517.

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

49.8260, 0.4131, 0.3517

Protanopia

49.9130, 0.3478, 0.3696

Deuteranopia

49.9677, 0.3821, 0.3742



Tritanopia

49.9675, 0.3892, 0.3165

Trichromacy



Original Color

49.8260, 0.4131, 0.3517

Protanomaly

49.2263, 0.3709, 0.3628

Deuteranomaly

49.7989, 0.3935, 0.3658

Tritanomaly

49.7214, 0.3988, 0.3293

Monochromacy



Original Color

49.8260, 0.4131, 0.3517

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.0619, 0.3466, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8260, 0.4131, 0.3517 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(251, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(251, 166, 145)  
}
```

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(251, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 166, 145) }
```

Border

The CSS property to change the border of an element to Yxy 49.8260, 0.4131, 0.3517 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(251, 166, 145) }
```

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

```
.border{ border-color:rgb(251, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(251, 166,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8260, 0.4131, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 166, 145) }
```

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

```
.background{ background-color: rgb(251,  
166, 145) }
```

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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