

Converting Colors

Yxy(48.5676, 0.4193, 0.3692)

Have a look what the booklet for
Yxy(48.5676, 0.4193, 0.3692)
contains.

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Color

Yxy(48.5092, 0.4194, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	F4A783
RGB	244, 167, 131
RGB Percent	96%, 65%, 51%
CMY	0.0432, 0.3451, 0.4861
CMYK	0.00, 0.32, 0.46, 0.04
HSL	19°, 84%, 74%
HSV	19°, 46%, 96%
XYZ	55.2246, 48.5092, 27.9415
YIQ	185.9190, 57.4480, 5.1280

Conversions

Conversions Part 2

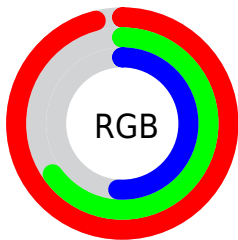
Format	Color
R_{YB}	244, 184, 131
Decimal	16033667
CIE _{Lab}	75.14, 24.36, 30.05
CIE _{LCh}	75, 38.683, 50.976
Yxy	48.5092, 0.4194, 0.3684
Android (android.graphics.Color)	4294223747 (0xFFFF4A783)
YUV	185.9190, -27.0751, 50.9370
Hunter-Lab	69.6485, 19.6485, 24.9681

Details

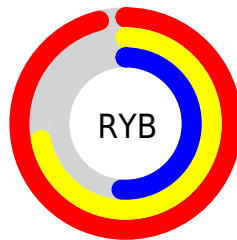
The Yxy color **48.5092, 0.4194, 0.3684** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56.4893, 0.2429, 0.2843**, and the grayscale version is **49.1886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9632, 0.3634, 0.3679**, and **23.1698, 0.4485, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **42.2186, 0.4529, 0.3756**, and if you desaturate by 10%, it is **55.7441, 0.3896, 0.3600**.

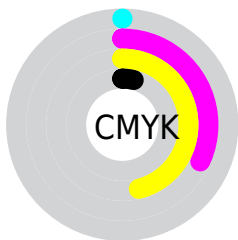
Distribution



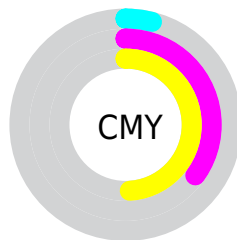
- Red (96%)
- Green (65%)
- Blue (51%)



- Red (96%)
- Yellow (72%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (4%)




- Cyan (4%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5092, 0.4194, 0.3684 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 48.5092, 0.4194, 0.3684 by changing the saturation by 10% instead.


 48.5092, 0.4194,
0.3684

 48.5092, 0.4194,
0.3684


380.8069, 0.3662,
0.3514


 34.2303, 0.4324,
0.3717


 87.9621, 0.4002,
0.3629

 23.0706, 0.4487,
0.3754


 113.9048, 0.3930,
0.3606

 14.6456, 0.4699,
0.3792


 144.5043, 0.3868,
0.3586

 8.5711, 0.4980,
0.3826

180.1450, 0.3815,
0.3568

 4.4625, 0.5364,
0.3836

221.2112, 0.3769,
0.3552

 1.9355, 0.6105,
0.3895

268.0873, 0.3729,

 0.5696, 0.6729,

0.3538

0.3271

321.1578, 0.3694,
0.3525

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5092, 0.4194,
0.3684

48.5092, 0.4194,
0.3684

42.2186, 0.4529,
0.3756

55.7441, 0.3896,
0.3600

36.8243, 0.4889,
0.3804

63.9541, 0.3637,
0.3511

32.2846, 0.5253,
0.3816

73.1776, 0.3416,
0.3423

28.5511, 0.5588,
0.3782

83.4485, 0.3229,
0.3340

■ 25.5691, 0.5859,
0.3698

■ 94.7991, 0.3072,
0.3262

■ 24.6354, 0.5946,
0.3661

■ 97.9720, 0.3060,
0.3290

Harmonies

Analogous

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



48.5092, 0.4040, 0.3265



48.5092, 0.4194, 0.3684



48.5092, 0.4034, 0.4053

Triad

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



48.5092, 0.4194, 0.3684



48.5092, 0.2622, 0.3750



48.5092, 0.2585, 0.2451

Complementary

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



48.5092, 0.4194, 0.3684



56.4893, 0.2429, 0.2843

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.



48.5092, 0.2268, 0.2501



48.5092, 0.4194, 0.3684



48.5092, 0.2285, 0.3211

Square

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



48.5092, 0.4194, 0.3684



48.5092, 0.3112, 0.4157



48.5092, 0.2164, 0.2759



48.5092, 0.3069, 0.2588

Rectangle

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



48.5092, 0.4194, 0.3684



48.5092, 0.3785, 0.4214



48.5092, 0.2164, 0.2759



48.5092, 0.2457, 0.2445

Sweetspot

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



48.5116, 0.4194, 0.3684



83.3552, 0.3371, 0.3404



40.0426, 0.3521, 0.2480



17.3366, 0.3414, 0.3423



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.



48.5116, 0.4194, 0.3684



46.7732, 0.4523, 0.3755



73.8008, 0.3904, 0.4246



17.3436, 0.3286, 0.3366



13.6131, 0.5917, 0.3684



1.3739, 0.5673, 0.3877

Inverse Universe

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



56.4893, 0.2429, 0.2843



56.5427, 0.2301, 0.2728



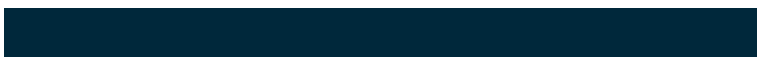
33.7371, 0.2294, 0.2098



17.8160, 0.2980, 0.3213



18.7008, 0.1949, 0.2215



1.8282, 0.1991, 0.2366

Previews

White Background



This preview shows how the Yxy color 48.5092, 0.4194, 0.3684 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 48.5092, 0.4194, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

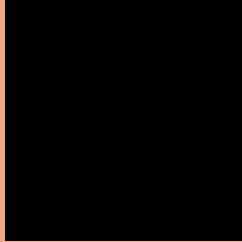
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5092, 0.4194, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 48.5092, 0.4194, 0.3684.



This preview shows how white text looks on a background with the Yxy color 48.5092, 0.4194, 0.3684.

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

48.5092, 0.4194, 0.3684

Protanopia

48.7041, 0.3625, 0.3875

Deuteranopia

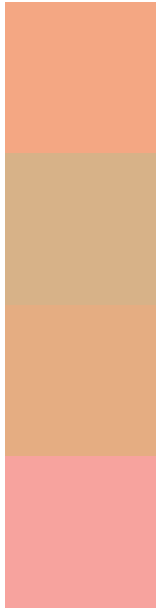
48.4014, 0.3947, 0.3860



Tritanopia

48.4633, 0.3850, 0.3163

Trichromacy



Original Color

48.5092, 0.4194, 0.3684

Protanomaly

48.0654, 0.3826, 0.3800

Deuteranomaly

48.1569, 0.4033, 0.3787

Tritanomaly

48.4372, 0.3982, 0.3347

Monochromacy



Original Color

48.5092, 0.4194, 0.3684

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2588, 0.3486, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5092, 0.4194, 0.3684 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(244, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(244, 167, 131)  
}
```

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(244, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 167, 131) }
```

Border

The CSS property to change the border of an element to Yxy 48.5092, 0.4194, 0.3684 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(244, 167, 131) }
```

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

```
.border{ border-color:rgb(244, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(244, 167,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5092, 0.4194, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 167, 131) }
```

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

```
.background{ background-color: rgb(244,  
167, 131) }
```

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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