

Converting Colors

$Yxy(54.8457, 0.4216, 0.3766)$

Have a look what the booklet for
Yxy(54.8457, 0.4216, 0.3766)
contains.

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Color

Yxy(54.7942, 0.4213, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	FFB285
RGB	255, 178, 133
RGB Percent	100%, 70%, 52%
CMY	0.0000, 0.3019, 0.4783
CMYK	0.00, 0.30, 0.48, 0.00
HSL	22°, 100%, 76%
HSV	22°, 48%, 100%
XYZ	61.3957, 54.7942, 29.5393
YIQ	195.8930, 60.3370, 2.3290

Conversions

Conversions Part 2

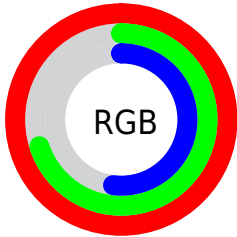
Format	Color
RYB	255, 204, 133
Decimal	16757381
CIELab	78.92, 23.07, 34.19
CIELCh	79, 41.243, 55.989
Yxy	54.7942, 0.4213, 0.3760
Android (android.graphics.Color)	4294947461 (0xFFFFB285)
YUV	195.8930, -31.0062, 51.8368
Hunter-Lab	74.0231, 18.5098, 28.1562

Details

The Yxy color **54.7942, 0.4213, 0.3760** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.3122, 0.2392, 0.2747**, and the grayscale version is **55.2992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6935, 0.3582, 0.3765**, and **26.8939, 0.4485, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **48.1407, 0.4534, 0.3841**, and if you desaturate by 10%, it is **62.3753, 0.3922, 0.3664**.

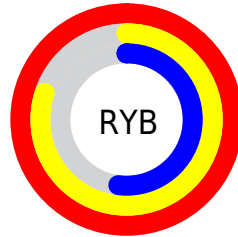
Distribution



Red (100%)

Green (70%)

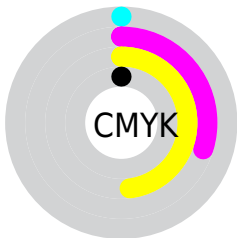
Blue (52%)



Red (100%)

Yellow (80%)

Blue (52%)

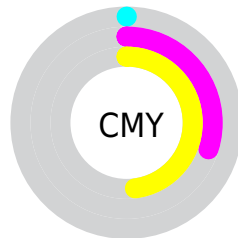


Cyan (0%)

Magenta (30%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7942, 0.4213, 0.3760 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 54.7942, 0.4213, 0.3760 by changing the saturation by 10% instead.


 54.7942, 0.4213,
0.3760


 54.7942, 0.4213,
0.3760


405.1313, 0.3684,
0.3558

 39.2370, 0.4338,
0.3799


 97.2394, 0.4026,
0.3695

 26.9441, 0.4493,
0.3843


 124.8961, 0.3954,
0.3668

 17.5313, 0.4690,
0.3891


 157.3548, 0.3893,
0.3644

 10.6140, 0.4945,
0.3936

194.9998, 0.3840,
0.3623

 5.8079, 0.5282,
0.3965

238.2156, 0.3793,
0.3604

 2.7286, 0.5931,
0.4069

287.3865, 0.3753,

 0.9918, 0.6301,

0.3587

0.3699

342.8970, 0.3717,
0.3572

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7942, 0.4213,
0.3760

54.7942, 0.4213,
0.3760

48.1407, 0.4534,
0.3841

62.3753, 0.3922,
0.3664

42.3691, 0.4875,
0.3896

70.9126, 0.3666,
0.3562

37.4400, 0.5212,
0.3910

80.4425, 0.3445,
0.3460

33.3076, 0.5519,
0.3873

90.9970, 0.3256,
0.3362

■ 29.9180, 0.5768,
0.3785

100.0000, 0.3127,
0.3290

■ 29.2713, 0.5817,
0.3763

Harmonies

Analogous

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



54.7942, 0.4111, 0.3334



54.7942, 0.4213, 0.3760



54.7942, 0.3999, 0.4119

Triad

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



54.7942, 0.4213, 0.3760



54.7942, 0.2539, 0.3671



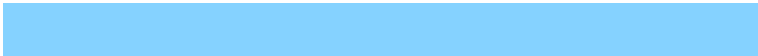
54.7942, 0.2645, 0.2444

Complementary

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



54.7942, 0.4213, 0.3760



58.3122, 0.2392, 0.2747

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.



54.7942, 0.2290, 0.2461



54.7942, 0.4213, 0.3760



54.7942, 0.2230, 0.3119

Square

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



54.7942, 0.4213, 0.3760



54.7942, 0.3021, 0.4129



54.7942, 0.2145, 0.2687



54.7942, 0.3160, 0.2613

Rectangle

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



54.7942, 0.4213, 0.3760



54.7942, 0.3721, 0.4260



54.7942, 0.2145, 0.2687



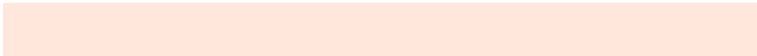
54.7942, 0.2505, 0.2428

Sweetspot

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



54.7967, 0.4213, 0.3760



84.3654, 0.3369, 0.3422



42.7089, 0.3602, 0.2510



17.5810, 0.3411, 0.3443



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.



54.7967, 0.4213, 0.3760



48.6610, 0.4507, 0.3836



84.5331, 0.3905, 0.4328



19.0840, 0.3285, 0.3378



15.5551, 0.5787, 0.3787



1.7148, 0.5573, 0.3957

Inverse Universe

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



58.3122, 0.2392, 0.2747



52.4732, 0.2268, 0.2621



33.7950, 0.2247, 0.1972



19.2892, 0.2979, 0.3200



17.3807, 0.1898, 0.2032



1.9013, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 54.7942, 0.4213, 0.3760 looks on a white background.

Color Contrast Check

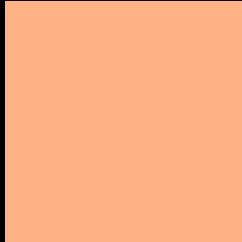
Large Text (above 18pt) WCAG AA × Fail

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 54.7942, 0.4213, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

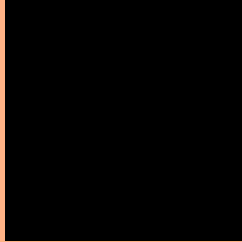
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7942, 0.4213, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 54.7942, 0.4213, 0.3760.



This preview shows how white text looks on a background with the Yxy color 54.7942, 0.4213, 0.3760.

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

54.7942, 0.4213, 0.3760

Protanopia

55.2222, 0.3685, 0.3964

Deuteranopia

54.8415, 0.4007, 0.3915



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.7942, 0.4213, 0.3760

Protanomaly

54.5322, 0.3878, 0.3888

Deuteranomaly

54.8242, 0.4076, 0.3858

Tritanomaly

54.6731, 0.3931, 0.3387

Monochromacy



Original Color

54.7942, 0.4213, 0.3760

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1640, 0.3492, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7942, 0.4213, 0.3760 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, 178, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 133)  
}
```

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, 178, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 133) }
```

Border

The CSS property to change the border of an element to Yxy 54.7942, 0.4213, 0.3760 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, 178, 133) }
```

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

```
.border{ border-color:rgb(255, 178, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7942, 0.4213, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 133) }
```

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

```
.background{ background-color: rgb(255,  
178, 133) }
```

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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