

Converting Colors

Yxy(63.9820, 0.4624, 0.3715)

Have a look what the booklet for
Yxy(63.9820, 0.4624, 0.3715)
contains.

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Color

Yxy(54.2628, 0.4262, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	FFB180
RGB	255, 177, 128
RGB Percent	100%, 69%, 50%
CMY	0.0000, 0.3059, 0.4982
CMYK	0.00, 0.31, 0.50, 0.00
HSL	23°, 100%, 75%
HSV	23°, 50%, 100%
XYZ	60.8600, 54.2628, 27.6740
YIQ	194.7360, 62.2170, 1.2970

Conversions

Conversions Part 2

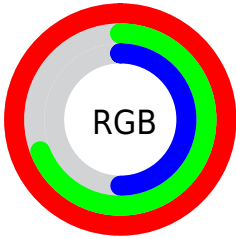
Format	Color
R _Y B	255, 208, 128
Decimal	16757120
CIE Lab	78.61, 23.14, 36.44
CIE LCh	79, 43.165, 57.590
Yxy	54.2628, 0.4262, 0.3800
Android (android.graphics.Color)	4294947200 (0xFFFFB180)
YUV	194.7360, -32.9008, 52.8515
Hunter-Lab	73.6633, 18.5645, 29.2901

Details

The Yxy color **54.2628, 0.4262, 0.3800** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **55.9284, 0.2359, 0.2692**, and the grayscale version is **54.5771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8740, 0.3625, 0.3816**, and **26.5675, 0.4548, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **47.8397, 0.4581, 0.3881**, and if you desaturate by 10%, it is **61.5645, 0.3969, 0.3701**.

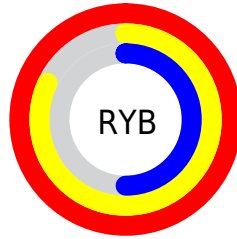
Distribution



Red (100%)

Green (69%)

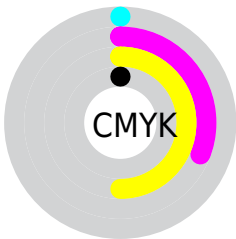
Blue (50%)



Red (100%)

Yellow (82%)

Blue (50%)

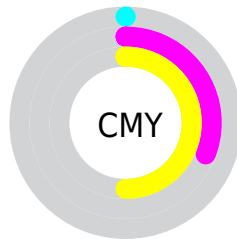


Cyan (0%)

Magenta (31%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2628, 0.4262, 0.3800 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 54.2628, 0.4262, 0.3800 by changing the saturation by 10% instead.


 54.2628, 0.4262,
0.3800

 54.2628, 0.4262,
0.3800


403.1114, 0.3710,
0.3582


 38.8118, 0.4392,
0.3842

 96.4600, 0.4067,
0.3730

 26.6134, 0.4552,
0.3889


 123.9750, 0.3992,
0.3701

 17.2831, 0.4755,
0.3938


 156.2801, 0.3928,
0.3675

 10.4365, 0.5017,
0.3984

193.7597, 0.3872,
0.3652

 5.6893, 0.5357,
0.4008

236.7983, 0.3824,
0.3632

 2.6571, 0.5943,
0.4057

285.7801, 0.3781,

 0.9555, 0.6320,

0.3613

0.3680

341.0897, 0.3744,
0.3597

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2628, 0.4262,
0.3800

54.2628, 0.4262,
0.3800

47.8397, 0.4581,
0.3881

61.5645, 0.3969,
0.3701

42.2579, 0.4915,
0.3933

69.7786, 0.3710,
0.3595

37.4777, 0.5240,
0.3941

78.9375, 0.3484,
0.3489

33.4547, 0.5530,
0.3896

89.0717, 0.3290,
0.3385

■ 30.1323, 0.5765,
0.3803

100.0000, 0.3127,
0.3290

■ 30.0780, 0.5769,
0.3801

Harmonies

Analogous

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



54.2628, 0.4175, 0.3356



54.2628, 0.4262, 0.3800



54.2628, 0.4019, 0.4172

Triad

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



54.2628, 0.4262, 0.3800



54.2628, 0.2487, 0.3660



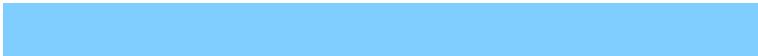
54.2628, 0.2647, 0.2412

Complementary

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



54.2628, 0.4262, 0.3800



55.9284, 0.2359, 0.2692

Split Complementary

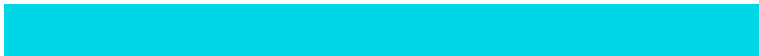
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.2628, 0.2266, 0.2416



54.2628, 0.4262, 0.3800



54.2628, 0.2178, 0.3079

Square

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



54.2628, 0.4262, 0.3800



54.2628, 0.2983, 0.4156



54.2628, 0.2104, 0.2638



54.2628, 0.3192, 0.2598

Rectangle

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



54.2628, 0.4262, 0.3800



54.2628, 0.3720, 0.4315



54.2628, 0.2104, 0.2638



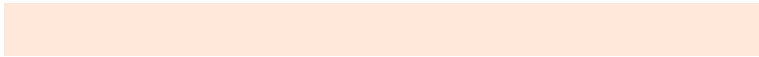
54.2628, 0.2497, 0.2391

Sweetspot

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



54.2629, 0.4262, 0.3800



83.6979, 0.3387, 0.3438



41.1590, 0.3652, 0.2500



17.4631, 0.3429, 0.3460



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.



54.2629, 0.4262, 0.3800



47.7315, 0.4587, 0.3883



85.2430, 0.3927, 0.4384



19.1368, 0.3285, 0.3382



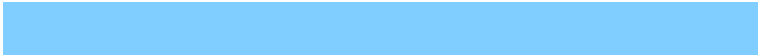
15.9837, 0.5740, 0.3825



1.7603, 0.5528, 0.3992

Inverse Universe

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



55.9284, 0.2359, 0.2692



49.4957, 0.2222, 0.2543



31.3857, 0.2202, 0.1881



19.2347, 0.2979, 0.3196



16.5932, 0.1881, 0.1970



1.8276, 0.1927, 0.2136

Previews

White Background



This preview shows how the Yxy color 54.2628, 0.4262, 0.3800 looks on a white background.

Color Contrast Check

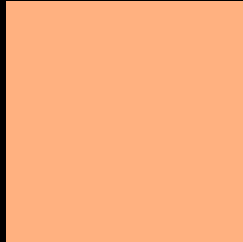
Large Text (above 18pt) WCAG AA × Fail

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 54.2628, 0.4262, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

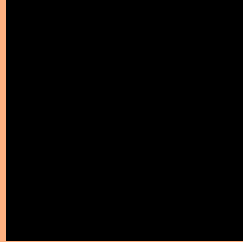
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2628, 0.4262, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 54.2628, 0.4262, 0.3800.



This preview shows how white text looks on a background with the Yxy color 54.2628, 0.4262, 0.3800.

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

54.2628, 0.4262, 0.3800

Protanopia

54.6284, 0.3727, 0.4012

Deuteranopia

54.2863, 0.4053, 0.3958



Tritanopia

54.2257, 0.3774, 0.3166

Trichromacy



Original Color

54.2628, 0.4262, 0.3800

Protanomaly

53.9633, 0.3923, 0.3933

Deuteranomaly

54.2765, 0.4123, 0.3899

Tritanomaly

54.2124, 0.3953, 0.3398

Monochromacy



Original Color

54.2628, 0.4262, 0.3800

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6584, 0.3511, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2628, 0.4262, 0.3800 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, 177, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 128) }
```

Border

The CSS property to change the border of an element to Yxy 54.2628, 0.4262, 0.3800 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, 177, 128) }
```

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

```
.border{ border-color:rgb(255, 177, 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, 177, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2628, 0.4262, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 128) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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