

Converting Colors

$Y_{xy}(40.5724, 0.4480, 0.3358)$

Have a look what the booklet for
Yxy(40.5724, 0.4480, 0.3358)
contains.

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Color

Yxy(40.4800, 0.4482, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FF8882
RGB	255, 136, 130
RGB Percent	100%, 53%, 51%
CMY	0.0002, 0.4665, 0.4902
CMYK	0.00, 0.47, 0.49, 0.00
HSL	3°, 100%, 75%
HSV	3°, 49%, 100%
XYZ	54.0618, 40.4800, 26.0780
YIQ	170.8970, 72.8500, 23.3620

Conversions

Conversions Part 2

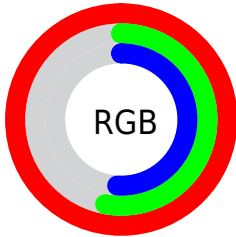
Format	Color
R_{YB}	255, 136, 130
Decimal	16746626
CIE _{Lab}	69.81, 44.40, 23.74
CIE _{LCh}	70, 50.353, 28.136
Yxy	40.4800, 0.4482, 0.3356
Android (android.graphics.Color)	4294936706 (0xFFFF8882)
YUV	170.8970, -20.1622, 73.7583
Hunter-Lab	63.6239, 40.3312, 20.2351

Details

The Yxy color **40.4800, 0.4482, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.6584, 0.2469, 0.3219**, and the grayscale version is **40.7491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9405, 0.3728, 0.3375**, and **18.2499, 0.4880, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **33.8003, 0.4929, 0.3365**, and if you desaturate by 10%, it is **48.8801, 0.4091, 0.3344**.

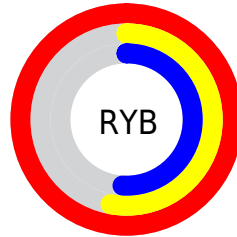
Distribution



Red (100%)

Green (53%)

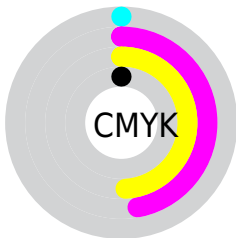
Blue (51%)



Red (100%)

Yellow (53%)

Blue (51%)

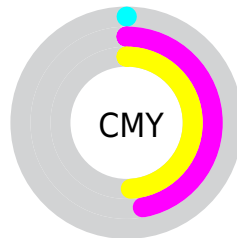


Cyan (0%)

Magenta (47%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4800, 0.4482, 0.3356 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 40.4800, 0.4482, 0.3356 by changing the saturation by 10% instead.


 40.4800, 0.4482,
0.3356


 40.4800, 0.4482,
0.3356


348.1426, 0.3784,
0.3356

 27.9130, 0.4659,
0.3345


 75.8939, 0.4225,
0.3364

 18.2601, 0.4887,
0.3324


 99.5096, 0.4130,
0.3365

 11.1369, 0.5188,
0.3284


 127.5769, 0.4049,
0.3364

 6.1590, 0.5600,
0.3206

160.4803, 0.3980,
0.3363

 2.9420, 0.6193,
0.3052

198.6042, 0.3921,
0.3361

 1.1015, 0.7225,
0.2775

242.3329, 0.3869,


 0.0000, 1.0000,


0.3360

0.0000


292.0509, 0.3824,
0.3358


 0.0000, 0.0000,
0.0000


 40.4800, 0.4482,
0.3356

 40.4800, 0.4482,
0.3356


 33.8003, 0.4929,
0.3365

 48.8801, 0.4091,
0.3344


 28.7164, 0.5402,
0.3366


 59.1016, 0.3764,
0.3329

 25.0968, 0.5843,
0.3358


 71.2450, 0.3498,
0.3315

 22.7865, 0.6180,
0.3340

 85.4019, 0.3284,
0.3301

 21.5919, 0.6365,
0.3319

99.9924, 0.3127,
0.3290

 21.5237, 0.6377,
0.3319

Harmonies

Analogous

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



40.4800, 0.3960, 0.2842



40.4800, 0.4482, 0.3356



40.4800, 0.4569, 0.3904

Triad

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



40.4800, 0.4482, 0.3356



40.4800, 0.2911, 0.4428



40.4800, 0.2057, 0.2194

Complementary

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



40.4800, 0.4482, 0.3356



79.6584, 0.2469, 0.3219

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.



40.4800, 0.1857, 0.2444



40.4800, 0.4482, 0.3356



40.4800, 0.2299, 0.3751

Square

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



40.4800, 0.4482, 0.3356



40.4800, 0.3619, 0.4646



40.4800, 0.1934, 0.2986



40.4800, 0.2524, 0.2203

Rectangle

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



40.4800, 0.4482, 0.3356



40.4800, 0.4383, 0.4245



40.4800, 0.1934, 0.2986



40.4800, 0.1961, 0.2246

Sweetspot

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



40.4821, 0.4482, 0.3356



76.7121, 0.3406, 0.3310



44.1661, 0.3219, 0.2135



15.7995, 0.3454, 0.3312



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.



40.4821, 0.4482, 0.3356



33.8220, 0.4928, 0.3365



62.6325, 0.4135, 0.3976



18.1279, 0.3293, 0.3302



11.3098, 0.6367, 0.3326



1.1486, 0.6289, 0.3389

Inverse Universe

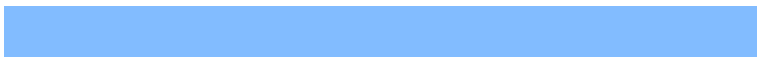
The Inverse Universe completely reimagines the original color for something new.



79.6584, 0.2469, 0.3219



77.1574, 0.2378, 0.3202



48.0601, 0.2325, 0.2467



20.3218, 0.2980, 0.3278



37.2256, 0.2205, 0.3138



3.6691, 0.2210, 0.3156

Previews

White Background



This preview shows how the Yxy color 40.4800, 0.4482, 0.3356 looks on a white background.

Color Contrast Check

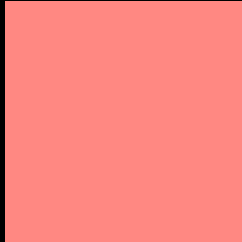
Large Text (above 18pt) WCAG AA × Fail

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 40.4800, 0.4482, 0.3356 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 40.4800, 0.4482, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 40.4800, 0.4482, 0.3356.



This preview shows how white text looks on a background with the Yxy color 40.4800, 0.4482, 0.3356.

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

40.4800, 0.4482, 0.3356

Protanopia

40.9044, 0.3428, 0.3635

Deuteranopia

40.5881, 0.3864, 0.3794



Tritanopia

40.6016, 0.4330, 0.3200

Trichromacy



Original Color

40.4800, 0.4482, 0.3356

Protanomaly

39.6126, 0.3794, 0.3521

Deuteranomaly

40.0157, 0.4086, 0.3617

Tritanomaly

40.4520, 0.4387, 0.3252

Monochromacy



Original Color

40.4800, 0.4482, 0.3356

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.4106, 0.3584, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4800, 0.4482, 0.3356 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, 136, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 130)  
}
```

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, 136, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 130) }
```

Border

The CSS property to change the border of an element to Yxy 40.4800, 0.4482, 0.3356 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, 136, 130) }
```

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

```
.border{ border-color:rgb(255, 136, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4800, 0.4482, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 130) }
```

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

```
.background{ background-color: rgb(255,  
136, 130) }
```

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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