

Converting Colors

$Y_{xy}(48.1100, 0.4270, 0.3523)$

Have a look what the booklet for
Yxy(48.1100, 0.4270, 0.3523)
contains.

Yxy(48.2366, 0.4265, 0.3523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.2366, 0.4265, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FFA08A
RGB	255, 160, 138
RGB Percent	100%, 63%, 54%
CMY	0.0001, 0.3725, 0.4587
CMYK	0.00, 0.37, 0.46, 0.00
HSL	11°, 100%, 77%
HSV	11°, 46%, 100%
XYZ	58.3960, 48.2366, 30.2865
YIQ	185.8970, 63.6820, 13.2980

Conversions

Conversions Part 2

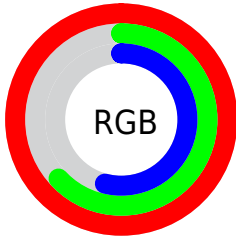
Format	Color
R_{YB}	255, 165, 138
Decimal	16752778
CIE _{Lab}	74.97, 32.93, 26.30
CIE _{LCh}	75, 42.143, 38.608
Yxy	48.2366, 0.4265, 0.3523
Android (android.graphics.Color)	4294942858 (0xFFFFA08A)
YUV	185.8970, -23.6132, 60.6033
Hunter-Lab	69.4526, 28.5415, 22.7619

Details

The Yxy color **48.2366, 0.4265, 0.3523** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.9019, 0.2467, 0.3032**, and the grayscale version is **49.1527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1775, 0.3591, 0.3537**, and **22.8221, 0.4583, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **40.9933, 0.4648, 0.3563**, and if you desaturate by 10%, it is **56.8536, 0.3932, 0.3473**.

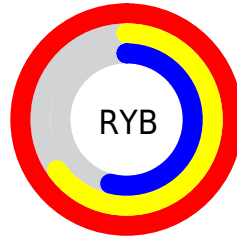
Distribution



Red (100%)

Green (63%)

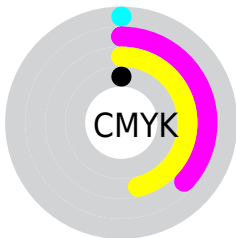
Blue (54%)



Red (100%)

Yellow (65%)

Blue (54%)

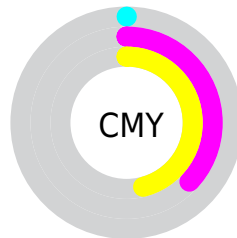


Cyan (0%)

Magenta (37%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2366, 0.4265, 0.3523 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 48.2366, 0.4265, 0.3523 by changing the saturation by 10% instead.


 48.2366, 0.4265,
0.3523

 48.2366, 0.4265,
0.3523


379.7292, 0.3695,
0.3434

 34.0143, 0.4405,
0.3536


 87.5566, 0.4059,
0.3497

 22.9046, 0.4583,
0.3548


 113.4230, 0.3981,
0.3486

 14.5231, 0.4814,
0.3554


 143.9397, 0.3915,
0.3475

 8.4854, 0.5125,
0.3546

179.4909, 0.3859,
0.3465

 4.4071, 0.5557,
0.3500

220.4610, 0.3810,
0.3456

 1.9038, 0.6481,
0.3519

267.2345, 0.3767,

 0.5506, 0.7215,

0.3448

0.2785

320.1958, 0.3729,
0.3441

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2366, 0.4265,
0.3523

48.2366, 0.4265,
0.3523

40.9933, 0.4648,
0.3563

56.8536, 0.3932,
0.3473

35.0451, 0.5066,
0.3586

66.9032, 0.3650,
0.3420

30.3161, 0.5487,
0.3581

78.4497, 0.3417,
0.3368

26.7196, 0.5862,
0.3542

91.5512, 0.3224,
0.3318

■ 24.1562, 0.6139,
0.3471

99.9974, 0.3127,
0.3290

■ 23.3660, 0.6225,
0.3439

Harmonies

Analogous

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



48.2366, 0.3960, 0.3077



48.2366, 0.4265, 0.3523



48.2366, 0.4223, 0.3959

Triad

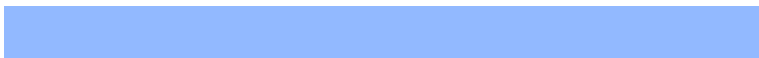
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.2366, 0.4265, 0.3523



48.2366, 0.2780, 0.4013



48.2366, 0.2371, 0.2378

Complementary

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



48.2366, 0.4265, 0.3523



70.9019, 0.2467, 0.3032

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.



48.2366, 0.2123, 0.2519



48.2366, 0.4265, 0.3523



48.2366, 0.2336, 0.3443

Square

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



48.2366, 0.4265, 0.3523



48.2366, 0.3343, 0.4331



48.2366, 0.2109, 0.2887



48.2366, 0.2828, 0.2449

Rectangle

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



48.2366, 0.4265, 0.3523



48.2366, 0.4018, 0.4195



48.2366, 0.2109, 0.2887



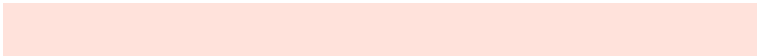
48.2366, 0.2264, 0.2400

Sweetspot

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



48.2390, 0.4265, 0.3523



80.7891, 0.3378, 0.3358



45.3559, 0.3369, 0.2347



16.7177, 0.3423, 0.3369



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.



48.2390, 0.4265, 0.3523



41.5758, 0.4613, 0.3561



73.2093, 0.3970, 0.4100



18.5394, 0.3290, 0.3335



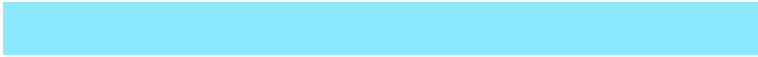
12.3677, 0.6201, 0.3458



1.3442, 0.6000, 0.3618

Inverse Universe

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



70.9019, 0.2467, 0.3032



66.6846, 0.2362, 0.2972



43.3089, 0.2336, 0.2306



19.8667, 0.2980, 0.3244



27.3144, 0.2077, 0.2675



2.8025, 0.2098, 0.2753

Previews

White Background



This preview shows how the Yxy color 48.2366, 0.4265, 0.3523 looks on a white background.

Color Contrast Check

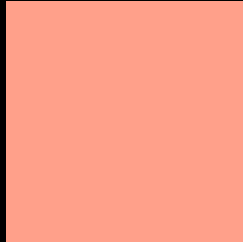
Large Text (above 18pt) WCAG AA × Fail

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 48.2366, 0.4265, 0.3523 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 48.2366, 0.4265, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 48.2366, 0.4265, 0.3523.



This preview shows how white text looks on a background with the Yxy color 48.2366, 0.4265, 0.3523.

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

48.2366, 0.4265, 0.3523

Protanopia

48.6036, 0.3515, 0.3752

Deuteranopia

48.2536, 0.3877, 0.3794



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.2366, 0.4265, 0.3523

Protanomaly

47.8467, 0.3773, 0.3666

Deuteranomaly

48.0592, 0.4017, 0.3692

Tritanomaly

48.1480, 0.4086, 0.3303

Monochromacy



Original Color

48.2366, 0.4265, 0.3523

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1577, 0.3501, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2366, 0.4265, 0.3523 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, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 138)  
}
```

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, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 138) }
```

Border

The CSS property to change the border of an element to Yxy 48.2366, 0.4265, 0.3523 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, 160, 138) }
```

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

```
.border{ border-color:rgb(255, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2366, 0.4265, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 138) }
```

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

```
.background{ background-color: rgb(255,  
160, 138) }
```

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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