

Converting Colors

$Y_{xy}(55.2238, 0.4586, 0.3360)$

Have a look what the booklet for
Yxy(55.2238, 0.4586, 0.3360)
contains.

Yxy(46.1178, 0.4221, 0.3367)	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(46.1178, 0.4221, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	FF9992
RGB	255, 153, 146
RGB Percent	100%, 60%, 57%
CMY	0.0000, 0.3999, 0.4276
CMYK	0.00, 0.40, 0.43, 0.00
HSL	4°, 100%, 79%
HSV	4°, 43%, 100%
XYZ	57.8150, 46.1178, 33.0372
YIQ	182.7000, 63.0390, 19.4470

Conversions

Conversions Part 2

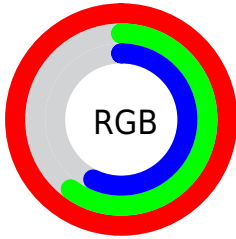
Format	Color
R _Y B	255, 153, 146
Decimal	16750994
CIE Lab	73.62, 37.35, 20.13
CIE LCh	74, 42.424, 28.322
Yxy	46.1178, 0.4221, 0.3367
Android (android.graphics.Color)	4294941074 (0xFFFF9992)
YUV	182.7000, -18.0931, 63.4071
Hunter-Lab	67.9101, 33.1228, 18.6934

Details

The Yxy color **46.1178, 0.4221, 0.3367** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.4303, 0.2531, 0.3209**, and the grayscale version is **47.2570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5419, 0.3549, 0.3373**, and **21.5610, 0.4528, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **38.3694, 0.4630, 0.3382**, and if you desaturate by 10%, it is **55.6083, 0.3874, 0.3349**.

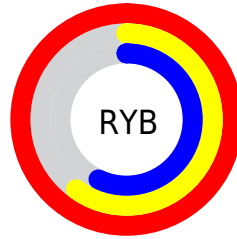
Distribution



Red (100%)

Green (60%)

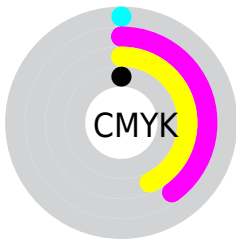
Blue (57%)



Red (100%)

Yellow (60%)

Blue (57%)

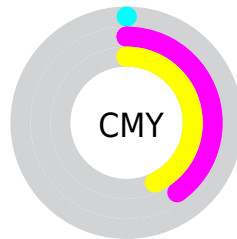


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1178, 0.4221, 0.3367 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 46.1178, 0.4221, 0.3367 by changing the saturation by 10% instead.

 46.1178, 0.4221,
0.3367


 46.1178, 0.4221,
0.3367

371.2820, 0.3668,
0.3350

 32.3388, 0.4359,
0.3364


 84.3953, 0.4019,
0.3366

 21.6204, 0.4536,
0.3357


 109.6625, 0.3944,
0.3364

 13.5782, 0.4769,
0.3340


139.5280, 0.3880,
0.3362

 7.8279, 0.5088,
0.3303

174.3760, 0.3825,
0.3360

 3.9850, 0.5545,
0.3223

214.5910, 0.3778,
0.3357

 1.6652, 0.6427,
0.3132

260.5575, 0.3737,

 0.4010, 0.7746,

0.3355

0.2254

312.6597, 0.3700,
0.3353

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.1178, 0.4221,
0.3367

46.1178, 0.4221,
0.3367

38.3694, 0.4630,
0.3382

55.6083, 0.3874,
0.3349

32.2507, 0.5086,
0.3390

66.9304, 0.3589,
0.3330

27.6472, 0.5551,
0.3388

80.1759, 0.3358,
0.3312

24.4265, 0.5962,
0.3372

95.4284, 0.3172,
0.3295

■ 22.4335, 0.6250,
0.3345

99.9980, 0.3127,
0.3290

■ 21.6428, 0.6367,
0.3326

Harmonies

Analogous

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



46.1178, 0.3805, 0.2929



46.1178, 0.4221, 0.3367



46.1178, 0.4301, 0.3825

Triad

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



46.1178, 0.4221, 0.3367



46.1178, 0.2962, 0.4183



46.1178, 0.2244, 0.2384

Complementary

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



46.1178, 0.4221, 0.3367



80.4303, 0.2531, 0.3209

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.



46.1178, 0.2071, 0.2604



46.1178, 0.4221, 0.3367



46.1178, 0.2453, 0.3659

Square

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



46.1178, 0.4221, 0.3367



46.1178, 0.3544, 0.4378



46.1178, 0.2141, 0.3056



46.1178, 0.2641, 0.2386

Rectangle

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



46.1178, 0.4221, 0.3367



46.1178, 0.4160, 0.4097



46.1178, 0.2141, 0.3056



46.1178, 0.2160, 0.2431

Sweetspot

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



46.1201, 0.4221, 0.3367



79.8326, 0.3363, 0.3312



48.6808, 0.3222, 0.2283



16.4276, 0.3410, 0.3316



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.



46.1201, 0.4221, 0.3367



39.6108, 0.4554, 0.3380



67.4426, 0.3969, 0.3909



18.1753, 0.3293, 0.3306



11.3804, 0.6356, 0.3336



1.1710, 0.6253, 0.3417

Inverse Universe

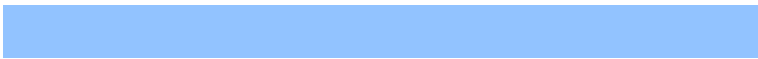
The Inverse Universe completely reimagines the original color for something new.



80.4303, 0.2531, 0.3209



77.8527, 0.2444, 0.3191



52.3718, 0.2424, 0.2569



20.2686, 0.2980, 0.3274



35.9709, 0.2191, 0.3087



3.5606, 0.2198, 0.3111

Previews

White Background



This preview shows how the Yxy color 46.1178, 0.4221, 0.3367 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 46.1178, 0.4221, 0.3367 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 46.1178, 0.4221, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 46.1178, 0.4221, 0.3367.



This preview shows how white text looks on a background with the Yxy color 46.1178, 0.4221, 0.3367.

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

46.1178, 0.4221, 0.3367

Protanopia

46.5330, 0.3378, 0.3564

Deuteranopia

46.2221, 0.3761, 0.3685



Tritanopia

46.0019, 0.4063, 0.3177

Trichromacy



Original Color

46.1178, 0.4221, 0.3367

Protanomaly

45.7885, 0.3672, 0.3487

Deuteranomaly

45.7496, 0.3937, 0.3561

Tritanomaly

46.1168, 0.4122, 0.3251

Monochromacy



Original Color

46.1178, 0.4221, 0.3367

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.9626, 0.3485, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1178, 0.4221, 0.3367 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, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 146)  
}
```

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, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 146) }
```

Border

The CSS property to change the border of an element to Yxy 46.1178, 0.4221, 0.3367 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, 153, 146) }
```

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

```
.border{ border-color:rgb(255, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1178, 0.4221, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 146) }
```

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

```
.background{ background-color: rgb(255,  
153, 146) }
```

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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