

Converting Colors

$Y_{xy}(47.8099, 0.4071, 0.3450)$

Have a look what the booklet for
Yxy(47.8099, 0.4071, 0.3450)
contains.

Yxy(47.9253, 0.4071, 0.3456)	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(47.9253, 0.4071, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	F6A394
RGB	246, 163, 148
RGB Percent	96%, 64%, 58%
CMY	0.0352, 0.3608, 0.4196
CMYK	0.00, 0.34, 0.40, 0.04
HSL	9°, 85%, 77%
HSV	9°, 40%, 96%
XYZ	56.4537, 47.9253, 34.2938
YIQ	186.1070, 54.2830, 12.9310

Conversions

Conversions Part 2

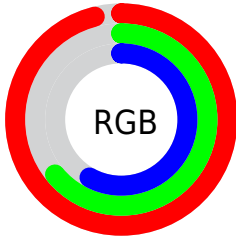
Format	Color
R _Y B	246, 166, 148
Decimal	16163732
CIE Lab	74.78, 29.01, 20.44
CIE LCh	75, 35.488, 35.163
Yxy	47.9253, 0.4071, 0.3456
Android (android.graphics.Color)	4294353812 (0xFFFF6A394)
YUV	186.1070, -18.7868, 52.5262
Hunter-Lab	69.2281, 24.4128, 19.0890

Details

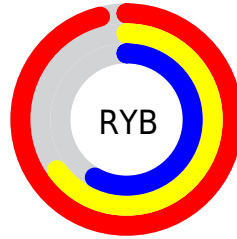
The Yxy color **47.9253, 0.4071, 0.3456** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1187, 0.2550, 0.3113**, and the grayscale version is **49.2519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6671, 0.3514, 0.3454**, and **22.5797, 0.4344, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **40.4293, 0.4434, 0.3494**, and if you desaturate by 10%, it is **56.8108, 0.3763, 0.3413**.

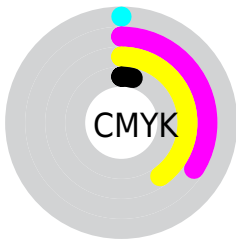
Distribution



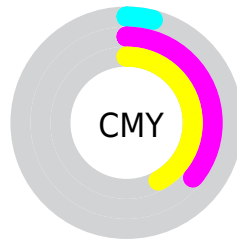
- Red (96%)
- Green (64%)
- Blue (58%)



- Red (96%)
- Yellow (65%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9253, 0.4071, 0.3456 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 47.9253, 0.4071, 0.3456 by changing the saturation by 10% instead.


 47.9253, 0.4071,
0.3456


 47.9253, 0.4071,
0.3456

378.4960, 0.3597,
0.3391

 33.7677, 0.4189,
0.3466


 87.0932, 0.3899,
0.3437

 22.7152, 0.4339,
0.3476

 112.8723, 0.3834,
0.3428

 14.3834, 0.4538,
0.3484


143.2940, 0.3779,
0.3420

 8.3878, 0.4809,
0.3483

178.7428, 0.3732,
0.3413

 4.3441, 0.5198,
0.3458

219.6029, 0.3691,
0.3407

 1.8678, 0.5914,
0.3438

266.2589, 0.3656,

 0.5289, 0.7056,

0.3401

0.2944

319.0951, 0.3624,
0.3396

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9253, 0.4071,
0.3456

47.9253, 0.4071,
0.3456

40.4293, 0.4434,
0.3494

56.8108, 0.3763,
0.3413

34.2455, 0.4846,
0.3521

67.1441, 0.3507,
0.3370

29.2999, 0.5283,
0.3529

78.9886, 0.3297,
0.3328

25.5078, 0.5702,
0.3511

92.4017, 0.3125,
0.3289

■ 22.7739, 0.6046,
0.3464

■ 98.3362, 0.3072,
0.3290

■ 20.9809, 0.6272,
0.3400

■ 20.9588, 0.6275,
0.3399

Harmonies

Analogous

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



47.9253, 0.3784, 0.3072



47.9253, 0.4071, 0.3456



47.9253, 0.4076, 0.3833

Triad

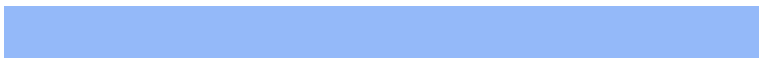
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.9253, 0.4071, 0.3456



47.9253, 0.2891, 0.3935



47.9253, 0.2447, 0.2513

Complementary

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



47.9253, 0.4071, 0.3456



70.1187, 0.2550, 0.3113

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.



47.9253, 0.2253, 0.2663



47.9253, 0.4071, 0.3456



47.9253, 0.2491, 0.3482

Square

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



47.9253, 0.4071, 0.3456



47.9253, 0.3375, 0.4170



47.9253, 0.2267, 0.3005



47.9253, 0.2824, 0.2550

Rectangle

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



47.9253, 0.4071, 0.3456



47.9253, 0.3925, 0.4036



47.9253, 0.2267, 0.3005



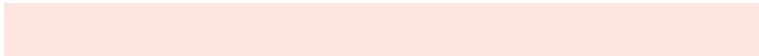
47.9253, 0.2360, 0.2541

Sweetspot

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



47.9276, 0.4071, 0.3456



82.7466, 0.3339, 0.3337



46.5652, 0.3300, 0.2436



17.3411, 0.3365, 0.3343



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.



47.9276, 0.4071, 0.3456



45.1791, 0.4367, 0.3488



68.6787, 0.3857, 0.3964



16.8915, 0.3290, 0.3327



11.3109, 0.6255, 0.3416



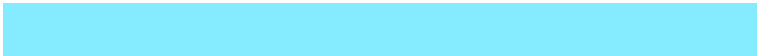
1.1139, 0.6046, 0.3581

Inverse Universe

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



70.1187, 0.2550, 0.3113



72.3258, 0.2451, 0.3070



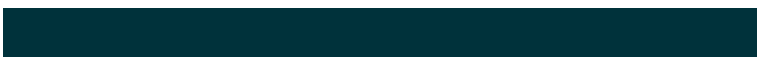
46.5344, 0.2454, 0.2502



18.3006, 0.2980, 0.3253



27.8958, 0.2110, 0.2796



2.5660, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 47.9253, 0.4071, 0.3456 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 47.9253, 0.4071, 0.3456 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 47.9253, 0.4071, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 47.9253, 0.4071, 0.3456.



This preview shows how white text looks on a background with the Yxy color 47.9253, 0.4071, 0.3456.

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

47.9253, 0.4071, 0.3456

Protanopia

48.2189, 0.3425, 0.3625

Deuteranopia

47.9357, 0.3751, 0.3680



Tritanopia

48.0766, 0.3863, 0.3163

Trichromacy



Original Color

47.9253, 0.4071, 0.3456

Protanomaly

47.5299, 0.3655, 0.3560

Deuteranomaly

47.7491, 0.3864, 0.3597

Tritanomaly

47.9082, 0.3940, 0.3271

Monochromacy



Original Color

47.9253, 0.4071, 0.3456

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2292, 0.3445, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9253, 0.4071, 0.3456 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(246, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 148)  
}
```

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(246, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.9253, 0.4071, 0.3456 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(246, 163, 148) }
```

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

```
.border{ border-color:rgb(246, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9253, 0.4071, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 148) }
```

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

```
.background{ background-color: rgb(246,  
163, 148) }
```

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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