

Converting Colors

$Y_{xy}(44.6526, 0.4108, 0.3405)$

Have a look what the booklet for
Yxy(44.6526, 0.4108, 0.3405)
contains.

Yxy(44.5417, 0.4110, 0.3403)	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(44.5417, 0.4110, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	F39B91
RGB	243, 155, 145
RGB Percent	95%, 61%, 57%
CMY	0.0470, 0.3921, 0.4313
CMYK	0.00, 0.36, 0.40, 0.05
HSL	6°, 80%, 76%
HSV	6°, 40%, 95%
XYZ	53.7956, 44.5417, 32.5522
YIQ	180.1720, 55.6580, 15.5460

Conversions

Conversions Part 2

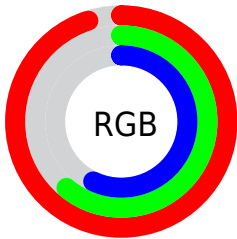
Format	Color
R _Y B	243, 156, 145
Decimal	15965073
CIE Lab	72.59, 31.74, 19.01
CIE LCh	73, 36.999, 30.913
Yxy	44.5417, 0.4110, 0.3403
Android (android.graphics.Color)	4294155153 (0xFFFF39B91)
YUV	180.1720, -17.3398, 55.1002
Hunter-Lab	66.7396, 27.0861, 17.7990

Details

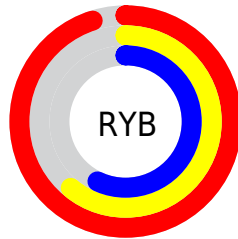
The Yxy color **44.5417, 0.4110, 0.3403** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.7728, 0.2553, 0.3170**, and the grayscale version is **45.8130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4767, 0.3553, 0.3404**, and **20.7171, 0.4387, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **37.2538, 0.4491, 0.3428**, and if you desaturate by 10%, it is **53.3067, 0.3788, 0.3374**.

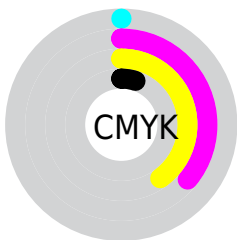
Distribution



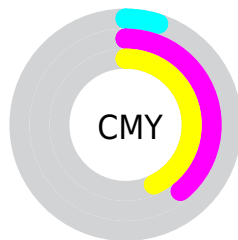
- Red (95%)
- Green (61%)
- Blue (57%)



- Red (95%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5417, 0.4110, 0.3403 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 44.5417, 0.4110, 0.3403 by changing the saturation by 10% instead.


 44.5417, 0.4110,
0.3403


 44.5417, 0.4110,
0.3403


364.9142, 0.3610,
0.3364

 31.0966, 0.4236,
0.3407


 82.0323, 0.3927,
0.3393

 20.6724, 0.4399,
0.3408


 106.8465, 0.3859,
0.3388

 12.8848, 0.4614,
0.3403


136.2192, 0.3801,
0.3384

 7.3492, 0.4913,
0.3385

170.5349, 0.3752,
0.3379

 3.6815, 0.5347,
0.3331

210.1778, 0.3709,
0.3375

 1.4970, 0.6267,
0.3315

255.5324, 0.3672,

 0.2866, 0.7879,

0.3371

0.2121

306.9831, 0.3639,
0.3368

0.0000, 0.0000,
0.0000

44.5417, 0.4110,
0.3403

44.5417, 0.4110,
0.3403

37.2538, 0.4491,
0.3428

53.3067, 0.3788,
0.3374

31.3553, 0.4924,
0.3445

63.6171, 0.3523,
0.3345

26.7596, 0.5379,
0.3447


75.5447, 0.3307,
0.3317

23.3675, 0.5806,
0.3431

89.1551, 0.3132,
0.3291

21.0652, 0.6139,
0.3395

97.7953, 0.3054,
0.3290

 19.7417, 0.6335,
0.3352

Harmonies

Analogous

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



44.5417, 0.3766, 0.3002



44.5417, 0.4110, 0.3403



44.5417, 0.4158, 0.3810

Triad

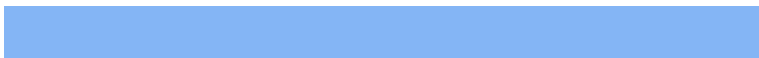
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.5417, 0.4110, 0.3403



44.5417, 0.2943, 0.4038



44.5417, 0.2362, 0.2474

Complementary

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



44.5417, 0.4110, 0.3403



70.7728, 0.2553, 0.3170

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.



44.5417, 0.2188, 0.2660



44.5417, 0.4110, 0.3403



44.5417, 0.2499, 0.3569

Square

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



44.5417, 0.4110, 0.3403



44.5417, 0.3460, 0.4243



44.5417, 0.2233, 0.3048



44.5417, 0.2737, 0.2489

Rectangle

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



44.5417, 0.4110, 0.3403



44.5417, 0.4020, 0.4042



44.5417, 0.2233, 0.3048



44.5417, 0.2280, 0.2513

Sweetspot

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



44.5439, 0.4110, 0.3403



81.8876, 0.3341, 0.3322



45.2029, 0.3259, 0.2382



17.1406, 0.3368, 0.3325



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.



44.5439, 0.4110, 0.3403



43.2199, 0.4402, 0.3423



64.1928, 0.3888, 0.3923



16.7544, 0.3291, 0.3315



10.9233, 0.6319, 0.3364



1.0490, 0.6156, 0.3494

Inverse Universe

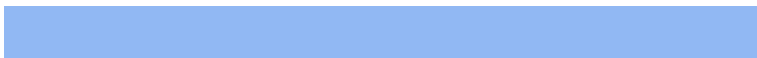
The Inverse Universe completely reimagines the original color for something new.



70.7728, 0.2553, 0.3170



75.9840, 0.2465, 0.3144



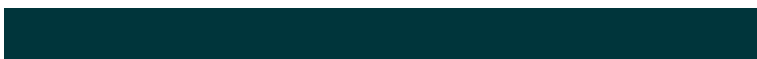
46.8579, 0.2456, 0.2555



18.4519, 0.2981, 0.3265



31.2473, 0.2157, 0.2966



2.8281, 0.2170, 0.3010

Previews

White Background



This preview shows how the Yxy color 44.5417, 0.4110, 0.3403 looks on a white background.

Color Contrast Check

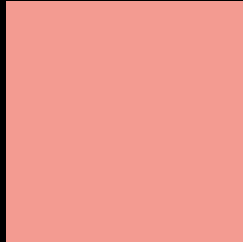
Large Text (above 18pt) WCAG AA × Fail

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 44.5417, 0.4110, 0.3403 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 44.5417, 0.4110, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 44.5417, 0.4110, 0.3403.



This preview shows how white text looks on a background with the Yxy color 44.5417, 0.4110, 0.3403.

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

44.5417, 0.4110, 0.3403

Protanopia

44.8059, 0.3391, 0.3582

Deuteranopia

44.4887, 0.3734, 0.3655



Tritanopia

44.5493, 0.3944, 0.3161

Trichromacy



Original Color

44.5417, 0.4110, 0.3403

Protanomaly

44.2818, 0.3636, 0.3517

Deuteranomaly

44.2656, 0.3874, 0.3556

Tritanomaly

44.4499, 0.4004, 0.3249

Monochromacy



Original Color

44.5417, 0.4110, 0.3403

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6124, 0.3458, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5417, 0.4110, 0.3403 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(243, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(243, 155, 145)  
}
```

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(243, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 155, 145) }
```

Border

The CSS property to change the border of an element to Yxy 44.5417, 0.4110, 0.3403 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(243, 155, 145) }
```

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

```
.border{ border-color:rgb(243, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(243, 155,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5417, 0.4110, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 155, 145) }
```

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

```
.background{ background-color: rgb(243,  
155, 145) }
```

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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