

Converting Colors

$Y_{xy}(44.4264, 0.4232, 0.3591)$

Have a look what the booklet for
Yxy(44.4264, 0.4232, 0.3591)
contains.

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Color

Yxy(44.4264, 0.4232, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	F19D82
RGB	241, 157, 130
RGB Percent	95%, 62%, 51%
CMY	0.0550, 0.3842, 0.4902
CMYK	0.00, 0.35, 0.46, 0.05
HSL	15°, 80%, 73%
HSV	15°, 46%, 95%
XYZ	52.3566, 44.4264, 26.9330
YIQ	179.0380, 58.7310, 9.4110

Conversions

Conversions Part 2

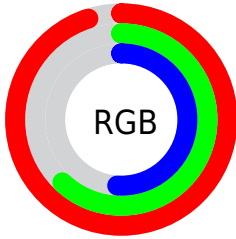
Format	Color
R_{YB}	241, 166, 130
Decimal	15834498
CIE _{Lab}	72.51, 28.35, 27.06
CIE _{LCh}	73, 39.194, 43.666
Yxy	44.4264, 0.4232, 0.3591
Android (android.graphics.Color)	4294024578 (0xFFFF19D82)
YUV	179.0380, -24.1757, 54.3407
Hunter-Lab	66.6531, 23.5703, 22.6995

Details

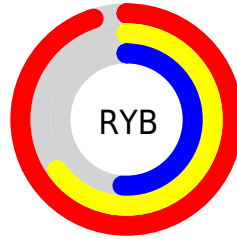
The Yxy color **44.4264, 0.4232, 0.3591** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.1677, 0.2452, 0.2954**, and the grayscale version is **45.2097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7659, 0.3669, 0.3590**, and **20.6274, 0.4554, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **38.1391, 0.4593, 0.3645**, and if you desaturate by 10%, it is **51.7901, 0.3915, 0.3527**.

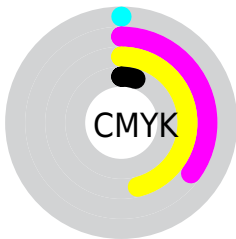
Distribution



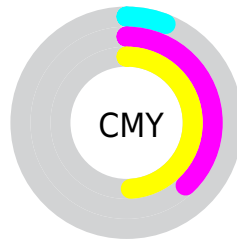
- Red (95%)
- Green (62%)
- Blue (51%)



- Red (95%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (5%)




- Cyan (6%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4264, 0.4232, 0.3591 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 44.4264, 0.4232, 0.3591 by changing the saturation by 10% instead.


 44.4264, 0.4232,
0.3591


 44.4264, 0.4232,
0.3591

364.4455, 0.3672,
0.3465

 31.0059, 0.4372,
0.3613


 81.8590, 0.4028,
0.3552

 20.6033, 0.4550,
0.3636


 106.6398, 0.3951,
0.3535

 12.8344, 0.4784,
0.3656


 135.9762, 0.3886,
0.3520

 7.3146, 0.5100,
0.3664

170.2526, 0.3831,
0.3507

 3.6596, 0.5547,
0.3636

209.8533, 0.3783,
0.3495

 1.4850, 0.6392,
0.3608

255.1628, 0.3741,

 0.2782, 0.7757,

0.3484

0.2243

306.5653, 0.3704,
0.3474

0.0000, 0.0000,
0.0000

44.4264, 0.4232,
0.3591

44.4264, 0.4232,
0.3591

38.1391, 0.4593,
0.3645

51.7901, 0.3915,
0.3527

32.8703, 0.4987,
0.3678

60.2714, 0.3644,
0.3458

28.5663, 0.5384,
0.3679


69.9174, 0.3416,
0.3391

25.1656, 0.5746,
0.3640

80.7703, 0.3226,
0.3327

22.5985, 0.6027,
0.3560

92.8705, 0.3068,
0.3267

 21.7914, 0.6117,
0.3525

 97.4373, 0.3041,
0.3290

Harmonies

Analogous

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



44.4264, 0.3993, 0.3158



44.4264, 0.4232, 0.3591



44.4264, 0.4139, 0.3998

Triad

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



44.4264, 0.4232, 0.3591



44.4264, 0.2713, 0.3898



44.4264, 0.2464, 0.2412

Complementary

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



44.4264, 0.4232, 0.3591



59.1677, 0.2452, 0.2954

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.



44.4264, 0.2188, 0.2513



44.4264, 0.4232, 0.3591



44.4264, 0.2317, 0.3342

Square

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



44.4264, 0.4232, 0.3591



44.4264, 0.3244, 0.4255



44.4264, 0.2135, 0.2832



44.4264, 0.2931, 0.2511

Rectangle

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



44.4264, 0.4232, 0.3591



44.4264, 0.3916, 0.4202



44.4264, 0.2135, 0.2832



44.4264, 0.2348, 0.2422

Sweetspot

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



44.4286, 0.4232, 0.3591



81.8726, 0.3375, 0.3378



39.5722, 0.3424, 0.2397



16.9787, 0.3419, 0.3392



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.



44.4286, 0.4232, 0.3591



43.9541, 0.4560, 0.3641



67.0886, 0.3944, 0.4154



16.3838, 0.3287, 0.3348



11.9950, 0.6090, 0.3546



1.1486, 0.5837, 0.3748

Inverse Universe

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



59.1677, 0.2452, 0.2954



62.4837, 0.2342, 0.2874



36.0956, 0.2322, 0.2230



17.2389, 0.2981, 0.3231



21.8801, 0.2023, 0.2483



1.9739, 0.2056, 0.2602

Previews

White Background



This preview shows how the Yxy color 44.4264, 0.4232, 0.3591 looks on a white background.

Color Contrast Check

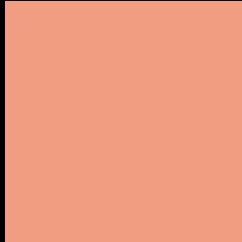
Large Text (above 18pt) WCAG AA × Fail

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 44.4264, 0.4232, 0.3591 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 44.4264, 0.4232, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 44.4264, 0.4232, 0.3591.



This preview shows how white text looks on a background with the Yxy color 44.4264, 0.4232, 0.3591.

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

44.4264, 0.4232, 0.3591

Protanopia

44.6520, 0.3565, 0.3806

Deuteranopia

44.6552, 0.3910, 0.3833



Tritanopia

44.3699, 0.3935, 0.3161

Trichromacy



Original Color

44.4264, 0.4232, 0.3591

Protanomaly

44.0823, 0.3803, 0.3716

Deuteranomaly

44.5189, 0.4032, 0.3742

Tritanomaly

44.4329, 0.4042, 0.3315

Monochromacy



Original Color

44.4264, 0.4232, 0.3591

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2556, 0.3503, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4264, 0.4232, 0.3591 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(241, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(241, 157, 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(241, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 157, 130) }
```

Border

The CSS property to change the border of an element to Yxy 44.4264, 0.4232, 0.3591 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(241, 157, 130) }
```

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

```
.border{ border-color:rgb(241, 157, 130) }
```

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

Here you see how a box with a 4 pixel rgb(241, 157, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(241, 157,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4264, 0.4232, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 157, 130) }
```

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

```
.background{ background-color: rgb(241,  
157, 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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