

Converting Colors

$Y_{xy}(45.0462, 0.4222, 0.3629)$

Have a look what the booklet for
Yxy(45.0462, 0.4222, 0.3629)
contains.

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Color

Yxy(44.9065, 0.4221, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	F09F81
RGB	240, 159, 129
RGB Percent	94%, 62%, 51%
CMY	0.0589, 0.3764, 0.4941
CMYK	0.00, 0.34, 0.46, 0.06
HSL	16°, 79%, 72%
HSV	16°, 46%, 94%
XYZ	52.2897, 44.9065, 26.6838
YIQ	179.7990, 57.9060, 7.8420

Conversions

Conversions Part 2

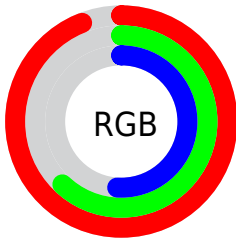
Format	Color
R _Y B	240, 170, 129
Decimal	15769473
CIE Lab	72.83, 26.81, 28.00
CIE LCh	73, 38.762, 46.244
Yxy	44.9065, 0.4221, 0.3625
Android (android.graphics.Color)	4293959553 (0xFFFF09F81)
YUV	179.7990, -25.0439, 52.7963
Hunter-Lab	67.0123, 22.0121, 23.2998

Details

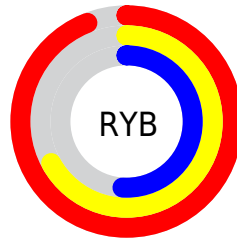
The Yxy color **44.9065, 0.4221, 0.3625** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.0337, 0.2443, 0.2913**, and the grayscale version is **45.6436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7305, 0.3671, 0.3621**, and **20.9037, 0.4537, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **38.7418, 0.4573, 0.3685**, and if you desaturate by 10%, it is **52.0784, 0.3910, 0.3553**.

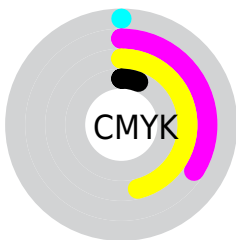
Distribution



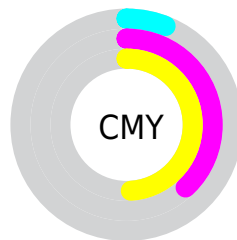
- Red (94%)
- Green (62%)
- Blue (51%)



- Red (94%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (6%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9065, 0.4221, 0.3625 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 44.9065, 0.4221, 0.3625 by changing the saturation by 10% instead.


 44.9065, 0.4221,
0.3625


 44.9065, 0.4221,
0.3625

366.3948, 0.3668,
0.3483

 31.3838, 0.4358,
0.3651


 82.5801, 0.4020,
0.3580

 20.8913, 0.4533,
0.3679


 107.4998, 0.3944,
0.3561

 13.0445, 0.4762,
0.3706


 136.9872, 0.3880,
0.3544

 7.4592, 0.5071,
0.3724

171.4268, 0.3825,
0.3529

 3.7509, 0.5505,
0.3709

211.2029, 0.3778,
0.3515

 1.5352, 0.6307,
0.3693

256.7001, 0.3737,

 0.3133, 0.7534,

0.3503

0.2466

308.3025, 0.3700,
0.3492

0.0000, 0.0000,
0.0000

44.9065, 0.4221,
0.3625

44.9065, 0.4221,
0.3625

38.7418, 0.4573,
0.3685

52.0784, 0.3910,
0.3553

33.5312, 0.4955,
0.3723

60.2940, 0.3643,
0.3478

29.2269, 0.5340,
0.3728

69.5960, 0.3418,
0.3403

25.7735, 0.5693,
0.3689

80.0229, 0.3229,
0.3332

23.1084, 0.5971,
0.3607

91.6110, 0.3071,
0.3266

■ 22.2896, 0.6058,
0.3571

■ 97.2607, 0.3035,
0.3290

Harmonies

Analogous

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



44.9065, 0.4012, 0.3196



44.9065, 0.4221, 0.3625



44.9065, 0.4103, 0.4020

Triad

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



44.9065, 0.4221, 0.3625



44.9065, 0.2679, 0.3845



44.9065, 0.2506, 0.2425

Complementary

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



44.9065, 0.4221, 0.3625



57.0337, 0.2443, 0.2913

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.



44.9065, 0.2215, 0.2507



44.9065, 0.4221, 0.3625



44.9065, 0.2303, 0.3294

Square

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



44.9065, 0.4221, 0.3625



44.9065, 0.3196, 0.4223



44.9065, 0.2144, 0.2804



44.9065, 0.2980, 0.2537

Rectangle

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



44.9065, 0.4221, 0.3625



44.9065, 0.3870, 0.4209



44.9065, 0.2144, 0.2804



44.9065, 0.2386, 0.2429

Sweetspot

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



44.9087, 0.4221, 0.3625



82.4038, 0.3374, 0.3387



38.8962, 0.3463, 0.2429



17.1068, 0.3417, 0.3403



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.



44.9087, 0.4221, 0.3625



45.1695, 0.4534, 0.3680



68.2409, 0.3929, 0.4192



16.4543, 0.3286, 0.3355



12.3926, 0.6031, 0.3594



1.1901, 0.5774, 0.3797

Inverse Universe

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



57.0337, 0.2443, 0.2913



60.5104, 0.2332, 0.2826



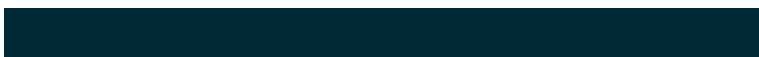
34.3676, 0.2309, 0.2175



17.1637, 0.2981, 0.3225



20.4797, 0.1997, 0.2387



1.8674, 0.2034, 0.2520

Previews

White Background



This preview shows how the Yxy color 44.9065, 0.4221, 0.3625 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 44.9065, 0.4221, 0.3625 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 44.9065, 0.4221, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 44.9065, 0.4221, 0.3625.



This preview shows how white text looks on a background with the Yxy color 44.9065, 0.4221, 0.3625.

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

44.9065, 0.4221, 0.3625

Protanopia

45.1515, 0.3579, 0.3830

Deuteranopia

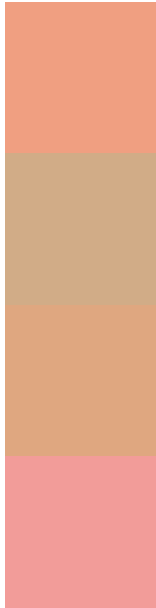
45.1835, 0.3914, 0.3843



Tritanopia

44.9191, 0.3897, 0.3160

Trichromacy



Original Color

44.9065, 0.4221, 0.3625

Protanomaly

44.8096, 0.3804, 0.3753

Deuteranomaly

44.8839, 0.4026, 0.3754

Tritanomaly

44.9541, 0.4014, 0.3326

Monochromacy



Original Color

44.9065, 0.4221, 0.3625

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6348, 0.3500, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9065, 0.4221, 0.3625 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(240, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 129)  
}
```

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(240, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 129) }
```

Border

The CSS property to change the border of an element to Yxy 44.9065, 0.4221, 0.3625 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(240, 159, 129) }
```

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

```
.border{ border-color:rgb(240, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9065, 0.4221, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 129) }
```

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

```
.background{ background-color: rgb(240,  
159, 129) }
```

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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