

Converting Colors

$Yxy(45.6313, 0.4055, 0.3538)$

Have a look what the booklet for
Yxy(45.6313, 0.4055, 0.3538)
contains.

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Color

Yxy(45.5670, 0.4061, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	ECA28C
RGB	236, 162, 140
RGB Percent	93%, 64%, 55%
CMY	0.0745, 0.3647, 0.4511
CMYK	0.00, 0.31, 0.41, 0.07
HSL	14°, 72%, 74%
HSV	14°, 41%, 93%
XYZ	52.2438, 45.5670, 30.8368
YIQ	181.6180, 51.1660, 8.8460

Conversions

Conversions Part 2

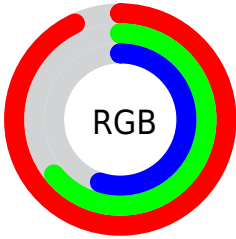
Format	Color
R _Y B	236, 169, 140
Decimal	15508108
CIE Lab	73.26, 24.82, 22.56
CIE LCh	73, 33.542, 42.272
Yxy	45.5670, 0.4061, 0.3542
Android (android.graphics.Color)	4293698188 (0xFFECA28C)
YUV	181.6180, -20.5177, 47.6930
Hunter-Lab	67.5033, 20.0182, 20.1675

Details

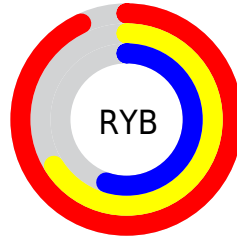
The Yxy color **45.5670, 0.4061, 0.3542** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.6969, 0.2525, 0.3016**, and the grayscale version is **46.6533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7808, 0.3574, 0.3527**, and **21.3550, 0.4328, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **38.9966, 0.4403, 0.3599**, and if you desaturate by 10%, it is **53.2173, 0.3766, 0.3479**.

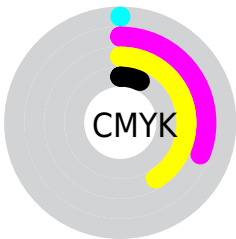
Distribution



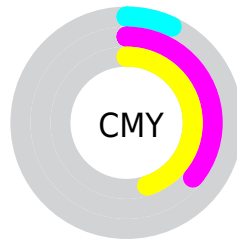
- Red (93%)
- Green (64%)
- Blue (55%)



- Red (93%)
- Yellow (66%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5670, 0.4061, 0.3542 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 45.5670, 0.4061, 0.3542 by changing the saturation by 10% instead.


 45.5670, 0.4061,
0.3542


 45.5670, 0.4061,
0.3542


369.0651, 0.3588,
0.3434

 31.9043, 0.4179,
0.3563


 83.5706, 0.3889,
0.3507

 21.2884, 0.4331,
0.3586


 108.6803, 0.3824,
0.3493

 13.3350, 0.4531,
0.3610


 138.3744, 0.3769,
0.3480

 7.6596, 0.4806,
0.3629

173.0373, 0.3723,
0.3468

 3.8779, 0.5200,
0.3629

213.0534, 0.3682,
0.3458

 1.6055, 0.6165,
0.3784

258.8072, 0.3647,

 0.3613, 0.7253,

0.3449

0.2747

310.6829, 0.3616,
0.3441

0.0000, 0.0000,
0.0000

45.5670, 0.4061,
0.3542

45.5670, 0.4061,
0.3542

38.9966, 0.4403,
0.3599

53.2173, 0.3766,
0.3479

33.4502, 0.4787,
0.3641

61.9867, 0.3517,
0.3414

28.8769, 0.5192,
0.3659

71.9208, 0.3310,
0.3352

25.2185, 0.5584,
0.3641

83.0605, 0.3138,
0.3294

22.4099, 0.5916,
0.3583

95.2525, 0.3011,
0.3269

■ 20.4882, 0.6143,
0.3504

■ 96.5730, 0.3011,
0.3290

Harmonies

Analogous

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



45.5670, 0.3845, 0.3165



45.5670, 0.4061, 0.3542



45.5670, 0.4001, 0.3891

Triad

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



45.5670, 0.4061, 0.3542



45.5670, 0.2798, 0.3818



45.5670, 0.2544, 0.2533

Complementary

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



45.5670, 0.4061, 0.3542



59.6969, 0.2525, 0.3016

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.



45.5670, 0.2311, 0.2636



45.5670, 0.4061, 0.3542



45.5670, 0.2446, 0.3361

Square

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



45.5670, 0.4061, 0.3542



45.5670, 0.3256, 0.4106



45.5670, 0.2276, 0.2924



45.5670, 0.2942, 0.2609

Rectangle

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



45.5670, 0.4061, 0.3542



45.5670, 0.3821, 0.4062



45.5670, 0.2276, 0.2924



45.5670, 0.2446, 0.2547

Sweetspot

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



45.5692, 0.4061, 0.3542



84.0537, 0.3336, 0.3360



41.4937, 0.3364, 0.2482



17.6466, 0.3362, 0.3368



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.



45.5692, 0.4061, 0.3542



47.5787, 0.4350, 0.3591



65.2228, 0.3846, 0.4041



15.6151, 0.3287, 0.3345



11.4551, 0.6117, 0.3525



1.0420, 0.5852, 0.3736

Inverse Universe

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



59.6969, 0.2525, 0.3016



66.5334, 0.2417, 0.2948



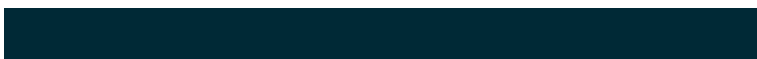
39.3286, 0.2427, 0.2398



16.5013, 0.2981, 0.3235



21.9441, 0.2037, 0.2533



1.8658, 0.2069, 0.2650

Previews

White Background



This preview shows how the Yxy color 45.5670, 0.4061, 0.3542 looks on a white background.

Color Contrast Check

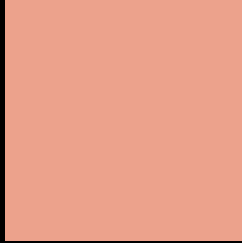
Large Text (above 18pt) WCAG AA × Fail

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 45.5670, 0.4061, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

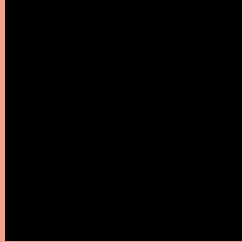
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5670, 0.4061, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 45.5670, 0.4061, 0.3542.



This preview shows how white text looks on a background with the Yxy color 45.5670, 0.4061, 0.3542.

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

45.5670, 0.4061, 0.3542

Protanopia

45.8570, 0.3491, 0.3710

Deuteranopia

45.7192, 0.3801, 0.3723



Tritanopia

45.7067, 0.3806, 0.3158

Trichromacy



Original Color

45.5670, 0.4061, 0.3542

Protanomaly

45.1969, 0.3690, 0.3642

Deuteranomaly

45.6122, 0.3895, 0.3651

Tritanomaly

45.4766, 0.3903, 0.3292

Monochromacy



Original Color

45.5670, 0.4061, 0.3542

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0065, 0.3440, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5670, 0.4061, 0.3542 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(236, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(236, 162, 140)  
}
```

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(236, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 162, 140) }
```

Border

The CSS property to change the border of an element to Yxy 45.5670, 0.4061, 0.3542 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(236, 162, 140) }
```

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

```
.border{ border-color:rgb(236, 162, 140) }
```

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

Here you see how a box with a 4 pixel rgb(236, 162, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 162, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 162, 140);  
box-shadow:4px 4px 4px 4px rgb(236, 162,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5670, 0.4061, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 162, 140) }
```

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

```
.background{ background-color: rgb(236,  
162, 140) }
```

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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