

Converting Colors

$Yxy(50.1581, 0.3920, 0.3505)$

Have a look what the booklet for
Yxy(50.1581, 0.3920, 0.3505)
contains.

Yxy(50.1557, 0.3920, 0.3505)	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(50.1557, 0.3920, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	EFAC99
RGB	239, 172, 153
RGB Percent	94%, 67%, 60%
CMY	0.0628, 0.3254, 0.4001
CMYK	0.00, 0.28, 0.36, 0.06
HSL	13°, 73%, 77%
HSV	13°, 36%, 94%
XYZ	56.0942, 50.1557, 36.8476
YIQ	189.8670, 46.0310, 8.2950

Conversions

Conversions Part 2

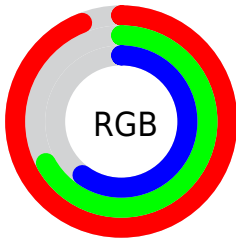
Format	Color
R _Y B	239, 177, 153
Decimal	15707289
CIE Lab	76.16, 22.14, 19.53
CIE LCh	76, 29.524, 41.418
Yxy	50.1557, 0.3920, 0.3505
Android (android.graphics.Color)	4293897369 (0xFFEFAC99)
YUV	189.8670, -18.1754, 43.0896
Hunter-Lab	70.8207, 17.4465, 18.7262

Details

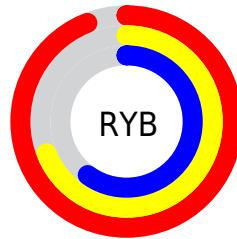
The Yxy color **50.1557, 0.3920, 0.3505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.1585, 0.2590, 0.3061**, and the grayscale version is **51.4988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2518, 0.3459, 0.3502**, and **23.9767, 0.4141, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **42.8513, 0.4243, 0.3564**, and if you desaturate by 10%, it is **58.6148, 0.3646, 0.3443**.

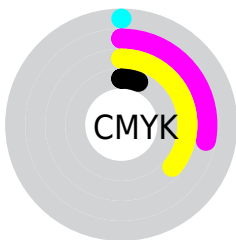
Distribution



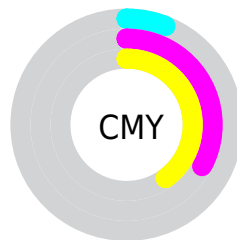
- Red (94%)
- Green (67%)
- Blue (60%)



- Red (94%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1557, 0.3920, 0.3505 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 50.1557, 0.3920, 0.3505 by changing the saturation by 10% instead.


 50.1557, 0.3920,
0.3505

 50.1557, 0.3920,
0.3505


387.2745, 0.3525,
0.3412

 35.5371, 0.4018,
0.3524


 90.4055, 0.3777,
0.3474

 24.0769, 0.4142,
0.3545


 116.8056, 0.3723,
0.3462

 15.3907, 0.4305,
0.3569


147.9016, 0.3677,
0.3451

 9.0940, 0.4528,
0.3594

184.0779, 0.3638,
0.3441

 4.8026, 0.4848,
0.3613

225.7190, 0.3604,
0.3433

 2.1319, 0.5379,
0.3629

273.2092, 0.3574,

 0.6825, 0.6448,

0.3425

0.3552

326.9329, 0.3548,
0.3418

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1557, 0.3920,
0.3505

50.1557, 0.3920,
0.3505

42.8513, 0.4243,
0.3564

58.6148, 0.3646,
0.3443

36.6440, 0.4612,
0.3612

68.2687, 0.3416,
0.3381

31.4817, 0.5014,
0.3641

79.1644, 0.3225,
0.3323

27.3054, 0.5421,
0.3640

91.3442, 0.3067,
0.3269

■ 24.0497, 0.5789,
0.3600

■ 97.0890, 0.3029,
0.3290

■ 21.6402, 0.6071,
0.3524

■ 20.8870, 0.6160,
0.3491

Harmonies

Analogous

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



50.1557, 0.3730, 0.3178



50.1557, 0.3920, 0.3505



50.1557, 0.3879, 0.3804

Triad

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



50.1557, 0.3920, 0.3505



50.1557, 0.2859, 0.3745



50.1557, 0.2619, 0.2637

Complementary

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



50.1557, 0.3920, 0.3505



64.1585, 0.2590, 0.3061

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.



50.1557, 0.2419, 0.2735



50.1557, 0.3920, 0.3505



50.1557, 0.2550, 0.3366

Square

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



50.1557, 0.3920, 0.3505



50.1557, 0.3254, 0.3982



50.1557, 0.2395, 0.2992



50.1557, 0.2960, 0.2697

Rectangle

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



50.1557, 0.3920, 0.3505



50.1557, 0.3732, 0.3948



50.1557, 0.2395, 0.2992



50.1557, 0.2534, 0.2652

Sweetspot

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



50.1581, 0.3920, 0.3505



85.1718, 0.3317, 0.3352



46.3074, 0.3331, 0.2573



17.8658, 0.3343, 0.3360



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.



50.1581, 0.3920, 0.3505



51.9245, 0.4146, 0.3548



69.0541, 0.3754, 0.3955



16.3262, 0.3288, 0.3343



11.7026, 0.6135, 0.3511



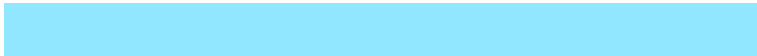
1.1169, 0.5887, 0.3708

Inverse Universe

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



64.1585, 0.2590, 0.3061



70.2692, 0.2495, 0.3007



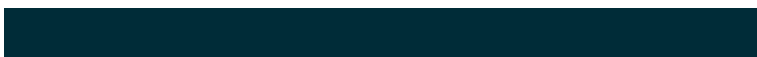
44.5802, 0.2514, 0.2519



17.3006, 0.2981, 0.3236



23.0745, 0.2045, 0.2561



2.0641, 0.2074, 0.2668

Previews

White Background



This preview shows how the Yxy color 50.1557, 0.3920, 0.3505 looks on a white background.

Color Contrast Check

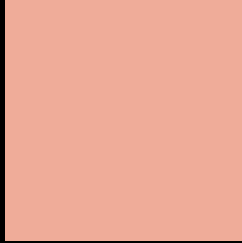
Large Text (above 18pt) WCAG AA × Fail

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 50.1557, 0.3920, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

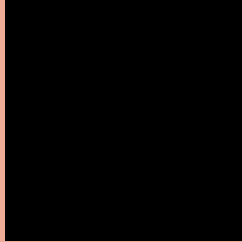
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1557, 0.3920, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 50.1557, 0.3920, 0.3505.



This preview shows how white text looks on a background with the Yxy color 50.1557, 0.3920, 0.3505.

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

50.1557, 0.3920, 0.3505

Protanopia

50.5454, 0.3427, 0.3631

Deuteranopia

50.3422, 0.3720, 0.3649



Tritanopia

50.2187, 0.3697, 0.3149

Trichromacy



Original Color

50.1557, 0.3920, 0.3505

Protanomaly

50.0707, 0.3602, 0.3582

Deuteranomaly

50.2765, 0.3786, 0.3595

Tritanomaly

50.0170, 0.3780, 0.3270

Monochromacy



Original Color

50.1557, 0.3920, 0.3505

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.4512, 0.3392, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1557, 0.3920, 0.3505 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(239, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 153)  
}
```

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(239, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.1557, 0.3920, 0.3505 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(239, 172, 153) }
```

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

```
.border{ border-color:rgb(239, 172, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 172, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1557, 0.3920, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 153) }
```

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

```
.background{ background-color: rgb(239,  
172, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor