

Converting Colors

$Yxy(50.0433, 0.3715, 0.3246)$

Have a look what the booklet for
Yxy(50.0433, 0.3715, 0.3246)
contains.

Yxy(49.9826, 0.3721, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9826, 0.3721, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E6AAAE
RGB	238, 170, 174
RGB Percent	93%, 67%, 68%
CMY	0.0666, 0.3333, 0.3176
CMYK	0.00, 0.29, 0.27, 0.07
HSL	356°, 67%, 80%
HSV	356°, 29%, 93%
XYZ	57.2791, 49.9826, 46.6730
YIQ	190.7880, 39.2440, 15.6600

Conversions

Conversions Part 2

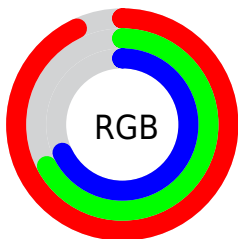
Format	Color
R _Y B	238, 170, 174
Decimal	15641262
CIE Lab	76.06, 25.53, 7.92
CIE LCh	76, 26.731, 17.241
Yxy	49.9826, 0.3721, 0.3247
Android (android.graphics.Color)	4293831342 (0xFFEEAAAE)
YUV	190.7880, -8.2765, 41.4049
Hunter-Lab	70.6984, 20.8967, 10.3473

Details

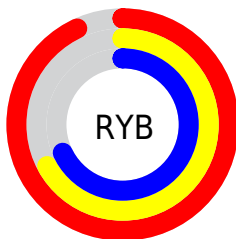
The Yxy color **49.9826, 0.3721, 0.3247** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.6470, 0.2734, 0.3335**, and the grayscale version is **52.0046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3099, 0.3312, 0.3261**, and **23.9515, 0.3889, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **41.0525, 0.4032, 0.3232**, and if you desaturate by 10%, it is **60.6786, 0.3469, 0.3263**.

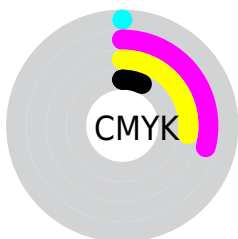
Distribution



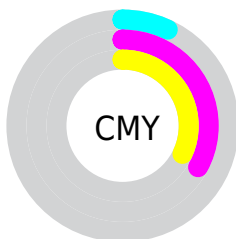
- Red (93%)
- Green (67%)
- Blue (68%)



- Red (93%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (7%)




- Cyan (7%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9826, 0.3721, 0.3247 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 49.9826, 0.3721, 0.3247 by changing the saturation by 10% instead.


 49.9826, 0.3721,
0.3247

 49.9826, 0.3721,
0.3247


386.5979, 0.3425,
0.3274

 35.3996, 0.3794,
0.3239


 90.1491, 0.3614,
0.3258

 23.9708, 0.3888,
0.3228


116.5014, 0.3573,
0.3261

 15.3120, 0.4012,
0.3211


147.5455, 0.3539,
0.3265

 9.0386, 0.4184,
0.3186

183.6659, 0.3510,
0.3267

 4.7664, 0.4437,
0.3144

225.2469, 0.3485,
0.3269

 2.1109, 0.4841,
0.3063

272.6730, 0.3462,

 0.6707, 0.6116,

0.3271

0.3075

326.3285, 0.3443,
0.3272

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9826, 0.3721,
0.3247

49.9826, 0.3721,
0.3247

41.0525, 0.4032,
0.3232

60.6786, 0.3469,
0.3263

33.7866, 0.4406,
0.3219

73.2207, 0.3268,
0.3278

28.0842, 0.4840,
0.3211

87.6930, 0.3106,
0.3292

23.8304, 0.5307,
0.3211

96.9203, 0.3023,
0.3290

■ 20.8947, 0.5756,
0.3223

■ 19.1232, 0.6116,
0.3245

■ 18.2949, 0.6333,
0.3273

■ 18.2121, 0.6354,
0.3274

Harmonies

Analogous

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



49.9826, 0.3418, 0.2972



49.9826, 0.3721, 0.3247



49.9826, 0.3855, 0.3546

Triad

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



49.9826, 0.3721, 0.3247



49.9826, 0.3173, 0.3887



49.9826, 0.2505, 0.2757

Complementary

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



49.9826, 0.3721, 0.3247



75.6470, 0.2734, 0.3335

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.



49.9826, 0.2450, 0.2967



49.9826, 0.3721, 0.3247



49.9826, 0.2822, 0.3640

Square

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



49.9826, 0.3721, 0.3247



49.9826, 0.3525, 0.3940



49.9826, 0.2562, 0.3291



49.9826, 0.2717, 0.2694

Rectangle

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



49.9826, 0.3721, 0.3247



49.9826, 0.3827, 0.3727



49.9826, 0.2562, 0.3291



49.9826, 0.2469, 0.2811

Sweetspot

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



49.9850, 0.3721, 0.3247



84.9075, 0.3276, 0.3277



52.3279, 0.3123, 0.2571



17.6888, 0.3303, 0.3275



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.



49.9850, 0.3721, 0.3247



52.4089, 0.3886, 0.3239



62.1475, 0.3668, 0.3615



15.7739, 0.3284, 0.3276



10.1647, 0.6339, 0.3265



0.8509, 0.6180, 0.3178

Inverse Universe

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



49.9850, 0.3721, 0.3247



52.4089, 0.3886, 0.3239



60.0968, 0.2676, 0.2940



15.7739, 0.3284, 0.3276



10.1647, 0.6339, 0.3265



0.8509, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 49.9826, 0.3721, 0.3247 looks on a white background.

Color Contrast Check

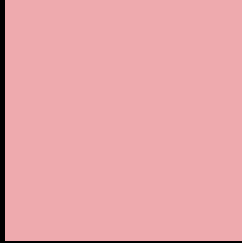
Large Text (above 18pt) WCAG AA × Fail

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 49.9826, 0.3721, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

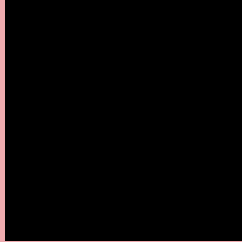
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9826, 0.3721, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 49.9826, 0.3721, 0.3247.



This preview shows how white text looks on a background with the Yxy color 49.9826, 0.3721, 0.3247.

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

49.9826, 0.3721, 0.3247

Protanopia

50.1660, 0.3200, 0.3341

Deuteranopia

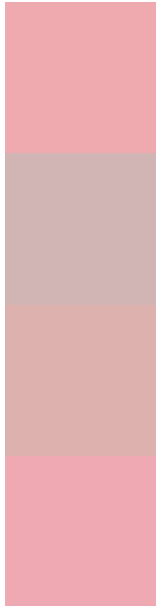
50.0234, 0.3474, 0.3400



Tritanopia

50.1041, 0.3658, 0.3147

Trichromacy



Original Color

49.9826, 0.3721, 0.3247

Protanomaly

49.8983, 0.3380, 0.3303

Deuteranomaly

49.8336, 0.3556, 0.3338

Tritanomaly

49.9813, 0.3686, 0.3181

Monochromacy



Original Color

49.9826, 0.3721, 0.3247

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7797, 0.3326, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9826, 0.3721, 0.3247 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(238, 170, 174)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 174)  
}
```

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(238, 170, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 174) }
```

Border

The CSS property to change the border of an element to Yxy 49.9826, 0.3721, 0.3247 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(238, 170, 174) }
```

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

```
.border{ border-color:rgb(238, 170, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 174);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9826, 0.3721, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 174) }
```

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

```
.background{ background-color: rgb(238,  
170, 174) }
```

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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