

Converting Colors

$Y_{xy}(43.2411, 0.3727, 0.3226)$

Have a look what the booklet for
Yxy(43.2411, 0.3727, 0.3226)
contains.

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Color

Yxy(43.1416, 0.3732, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	E19EA4
RGB	225, 158, 164
RGB Percent	88%, 62%, 64%
CMY	0.1175, 0.3804, 0.3569
CMYK	0.00, 0.30, 0.27, 0.12
HSL	355°, 53%, 75%
HSV	355°, 30%, 88%
XYZ	49.9859, 43.1416, 40.8111
YIQ	178.7170, 38.0060, 16.0700

Conversions

Conversions Part 2

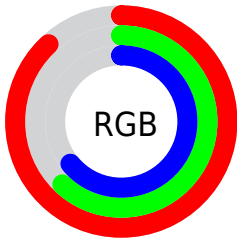
Format	Color
R_{YB}	225, 158, 164
Decimal	14786212
CIE _{Lab}	71.65, 25.78, 6.92
CIE _{LCh}	72, 26.696, 15.026
Yxy	43.1416, 0.3732, 0.3221
Android (android.graphics.Color)	4292976292 (0xFFE19EA4)
YUV	178.7170, -7.2555, 40.5902
Hunter-Lab	65.6823, 20.8990, 9.1383

Details

The Yxy color **43.1416, 0.3732, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.2521, 0.2731, 0.3362**, and the grayscale version is **44.9464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9630, 0.3399, 0.3230**, and **19.8028, 0.3914, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **35.4757, 0.4037, 0.3198**, and if you desaturate by 10%, it is **52.3363, 0.3484, 0.3245**.

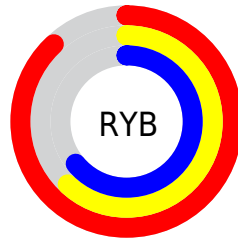
Distribution



Red (88%)

Green (62%)

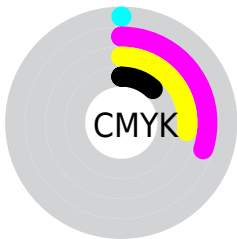
Blue (64%)



Red (88%)

Yellow (62%)

Blue (64%)

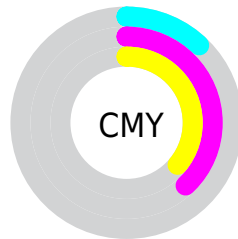


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (12%)



Cyan (12%)


Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1416, 0.3732, 0.3221 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 43.1416, 0.3732, 0.3221 by changing the saturation by 10% instead.


 43.1416, 0.3732,
0.3221


 43.1416, 0.3732,
0.3221


359.1938, 0.3423,
0.3261

 29.9962, 0.3811,
0.3209


 79.9245, 0.3618,
0.3237

 19.8357, 0.3913,
0.3193


 104.3308, 0.3576,
0.3242

 12.2757, 0.4051,
0.3170


133.2596, 0.3541,
0.3247

 6.9317, 0.4246,
0.3133

167.0952, 0.3510,
0.3251

 3.4194, 0.4544,
0.3072

206.2220, 0.3484,
0.3254

 1.3544, 0.5045,
0.2950

251.0244, 0.3461,

 0.1828, 0.8146,

0.3257

0.1854

301.8869, 0.3441,
0.3259

0.0000, 0.0000,
0.0000

43.1416, 0.3732,
0.3221

43.1416, 0.3732,
0.3221

35.4757, 0.4037,
0.3198

52.3363, 0.3484,
0.3245

29.2501, 0.4404,
0.3178

63.1300, 0.3284,
0.3269

24.3764, 0.4828,
0.3165

75.5958, 0.3124,
0.3290

20.7542, 0.5284,
0.3165

89.8008, 0.2996,
0.3311

18.2689, 0.5724,
0.3181

94.7527, 0.2946,
0.3289

■ 16.7849, 0.6083,
0.3214

■ 16.0755, 0.6313,
0.3253

■ 16.0637, 0.6316,
0.3253

Harmonies

Analogous

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



43.1416, 0.3404, 0.2938



43.1416, 0.3732, 0.3221



43.1416, 0.3888, 0.3534

Triad

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



43.1416, 0.3732, 0.3221



43.1416, 0.3202, 0.3930



43.1416, 0.2467, 0.2743

Complementary

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



43.1416, 0.3732, 0.3221



66.2521, 0.2731, 0.3362

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.



43.1416, 0.2422, 0.2972



43.1416, 0.3732, 0.3221



43.1416, 0.2831, 0.3683

Square

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



43.1416, 0.3732, 0.3221



43.1416, 0.3568, 0.3968



43.1416, 0.2551, 0.3318



43.1416, 0.2676, 0.2666

Rectangle

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



43.1416, 0.3732, 0.3221



43.1416, 0.3869, 0.3727



43.1416, 0.2551, 0.3318



43.1416, 0.2432, 0.2803

Sweetspot

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



43.1436, 0.3732, 0.3221



84.9479, 0.3271, 0.3270



44.8449, 0.3103, 0.2538



17.6987, 0.3297, 0.3267



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.



43.1436, 0.3732, 0.3221



50.4817, 0.3922, 0.3206



53.0986, 0.3701, 0.3603



13.7204, 0.3278, 0.3269



9.2610, 0.6296, 0.3242



0.6489, 0.6030, 0.3096

Inverse Universe

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



43.1436, 0.3732, 0.3221



50.4817, 0.3922, 0.3206



53.1932, 0.2661, 0.2953



13.7204, 0.3278, 0.3269



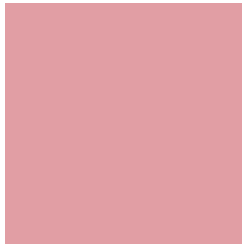
9.2610, 0.6296, 0.3242



0.6489, 0.6030, 0.3096

Previews

White Background



This preview shows how the Yxy color 43.1416, 0.3732, 0.3221 looks on a white background.

Color Contrast Check

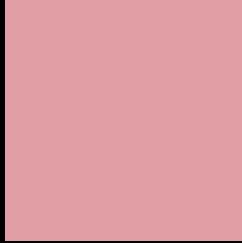
Large Text (above 18pt) WCAG AA × Fail

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 43.1416, 0.3732, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

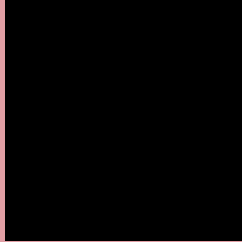
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1416, 0.3732, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 43.1416, 0.3732, 0.3221.



This preview shows how white text looks on a background with the Yxy color 43.1416, 0.3732, 0.3221.

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

43.1416, 0.3732, 0.3221

Protanopia

43.3804, 0.3188, 0.3317

Deuteranopia

43.3639, 0.3458, 0.3394



Tritanopia

43.1473, 0.3694, 0.3151

Trichromacy



Original Color

43.1416, 0.3732, 0.3221

Protanomaly

43.0140, 0.3369, 0.3278

Deuteranomaly

43.3267, 0.3554, 0.3329

Tritanomaly

43.0727, 0.3714, 0.3174

Monochromacy



Original Color

43.1416, 0.3732, 0.3221

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9176, 0.3330, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1416, 0.3732, 0.3221 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(225, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(225, 158, 164)  
}
```

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(225, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.1416, 0.3732, 0.3221 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(225, 158, 164) }
```

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

```
.border{ border-color:rgb(225, 158, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 158, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1416, 0.3732, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 164) }
```

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

```
.background{ background-color: rgb(225,  
158, 164) }
```

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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