

Converting Colors

$Yxy(44.7587, 0.3783, 0.3292)$

Have a look what the booklet for
Yxy(44.7587, 0.3783, 0.3292)
contains.

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Color

Yxy(44.7210, 0.3790, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E5A1A1
RGB	229, 161, 161
RGB Percent	90%, 63%, 63%
CMY	0.1020, 0.3686, 0.3686
CMYK	0.00, 0.30, 0.30, 0.10
HSL	0°, 57%, 76%
HSV	0°, 30%, 90%
XYZ	51.4862, 44.7210, 39.6403
YIQ	181.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

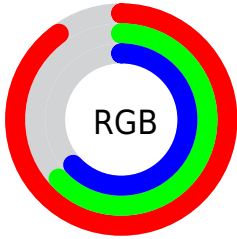
Format	Color
R _Y B	229, 161, 161
Decimal	15049121
CIE Lab	72.71, 25.23, 10.14
CIE LCh	73, 27.186, 21.889
Yxy	44.7210, 0.3790, 0.3292
Android (android.graphics.Color)	4293239201 (0xFFE5A1A1)
YUV	181.3320, -10.0237, 41.8048
Hunter-Lab	66.8738, 20.3983, 11.6667

Details

The Yxy color **44.7210, 0.3790, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.2564, 0.2700, 0.3289**, and the grayscale version is **46.4375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3296, 0.3416, 0.3291**, and **20.8337, 0.3979, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **36.7040, 0.4128, 0.3293**, and if you desaturate by 10%, it is **54.3553, 0.3516, 0.3291**.

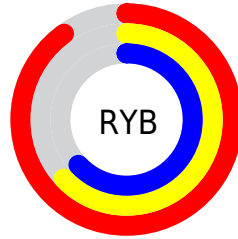
Distribution



Red (90%)

Green (63%)

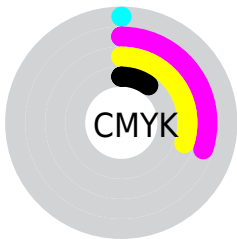
Blue (63%)



Red (90%)

Yellow (63%)

Blue (63%)

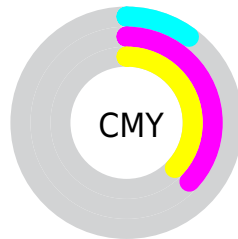


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (10%)



Cyan (10%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7210, 0.3790, 0.3292 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 44.7210, 0.3790, 0.3292 by changing the saturation by 10% instead.


 44.7210, 0.3790,
0.3292

 44.7210, 0.3790,
0.3292


365.6424, 0.3453,
0.3298

 31.2377, 0.3876,
0.3288


 82.3016, 0.3666,
0.3296

 20.7799, 0.3986,
0.3282


 107.1677, 0.3620,
0.3297

 12.9632, 0.4134,
0.3271


136.5968, 0.3582,
0.3298

 7.4032, 0.4343,
0.3251

170.9735, 0.3548,
0.3298

 3.7155, 0.4656,
0.3211

210.6819, 0.3520,
0.3298

 1.5157, 0.5180,
0.3124

256.1067, 0.3495,

 0.2998, 0.7506,

0.3298

0.2494

307.6320, 0.3473,
0.3298

0.0000, 0.0000,
0.0000

44.7210, 0.3790,
0.3292

44.7210, 0.3790,
0.3292

36.7040, 0.4128,
0.3293

54.3553, 0.3516,
0.3291

30.2098, 0.4533,
0.3294

65.6819, 0.3297,
0.3291

25.1440, 0.4995,
0.3296

78.7789, 0.3122,
0.3290

21.3990, 0.5477,
0.3297

93.7177, 0.2983,
0.3290

18.8520, 0.5915,
0.3298

95.3943, 0.2970,
0.3290

■ 17.3573, 0.6232,
0.3299

■ 16.6721, 0.6396,
0.3300

■ 16.6548, 0.6401,
0.3300

Harmonies

Analogous

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



44.7210, 0.3492, 0.2995



44.7210, 0.3790, 0.3292



44.7210, 0.3897, 0.3605

Triad

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



44.7210, 0.3790, 0.3292



44.7210, 0.3114, 0.3894



44.7210, 0.2497, 0.2708

Complementary

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



44.7210, 0.3790, 0.3292



69.2564, 0.2700, 0.3289

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.



44.7210, 0.2413, 0.2904



44.7210, 0.3790, 0.3292



44.7210, 0.2754, 0.3607

Square

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



44.7210, 0.3790, 0.3292



44.7210, 0.3492, 0.3983



44.7210, 0.2503, 0.3232



44.7210, 0.2742, 0.2667

Rectangle

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



44.7210, 0.3790, 0.3292



44.7210, 0.3845, 0.3788



44.7210, 0.2503, 0.3232



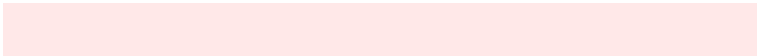
44.7210, 0.2450, 0.2756

Sweetspot

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



44.7231, 0.3790, 0.3292



84.8317, 0.3285, 0.3291



47.8032, 0.3162, 0.2553



17.6703, 0.3313, 0.3291



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.



44.7231, 0.3790, 0.3292



50.1802, 0.4003, 0.3293



58.2551, 0.3677, 0.3678



14.3682, 0.3293, 0.3291



9.5246, 0.6401, 0.3300



0.7039, 0.6400, 0.3300

Inverse Universe

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



69.2564, 0.2700, 0.3289



86.5419, 0.2620, 0.3288



52.2612, 0.2653, 0.2867



16.3362, 0.2982, 0.3290



35.2677, 0.2246, 0.3287



2.6062, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 44.7210, 0.3790, 0.3292 looks on a white background.

Color Contrast Check

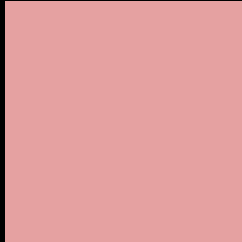
Large Text (above 18pt) WCAG AA × Fail

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 44.7210, 0.3790, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

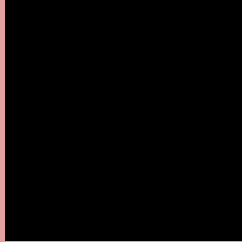
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7210, 0.3790, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 44.7210, 0.3790, 0.3292.



This preview shows how white text looks on a background with the Yxy color 44.7210, 0.3790, 0.3292.

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

44.7210, 0.3790, 0.3292

Protanopia

44.9334, 0.3245, 0.3396

Deuteranopia

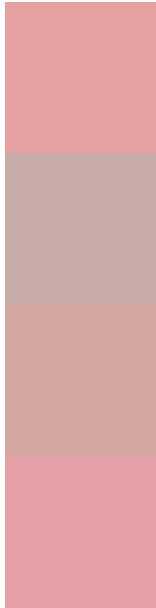
44.7048, 0.3528, 0.3456



Tritanopia

44.5978, 0.3697, 0.3142

Trichromacy



Original Color

44.7210, 0.3790, 0.3292

Protanomaly

44.5744, 0.3428, 0.3354

Deuteranomaly

44.5404, 0.3615, 0.3390

Tritanomaly

44.7918, 0.3734, 0.3199

Monochromacy



Original Color

44.7210, 0.3790, 0.3292

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3339, 0.3344, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7210, 0.3790, 0.3292 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(229, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 161)  
}
```

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(229, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.7210, 0.3790, 0.3292 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(229, 161, 161) }
```

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

```
.border{ border-color:rgb(229, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7210, 0.3790, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 161) }
```

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

```
.background{ background-color: rgb(229,  
161, 161) }
```

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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