

Converting Colors

$Yxy(44.7164, 0.3787, 0.3277)$

Have a look what the booklet for
Yxy(44.7164, 0.3787, 0.3277)
contains.

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Color

Yxy(44.9214, 0.3790, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E6A1A2
RGB	230, 161, 162
RGB Percent	90%, 63%, 64%
CMY	0.0980, 0.3687, 0.3646
CMYK	0.00, 0.30, 0.30, 0.10
HSL	359°, 58%, 77%
HSV	359°, 30%, 90%
XYZ	51.9061, 44.9214, 40.1280
YIQ	181.7450, 40.8030, 14.9390

Conversions

Conversions Part 2

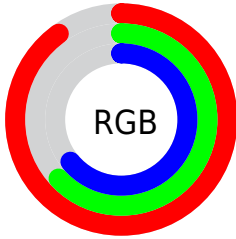
Format	Color
R _Y B	230, 161, 162
Decimal	15114658
CIE Lab	72.84, 25.76, 9.78
CIE LCh	73, 27.555, 20.790
Yxy	44.9214, 0.3790, 0.3280
Android (android.graphics.Color)	4293304738 (0xFFE6A1A2)
YUV	181.7450, -9.7343, 42.3196
Hunter-Lab	67.0234, 20.9479, 11.4186

Details

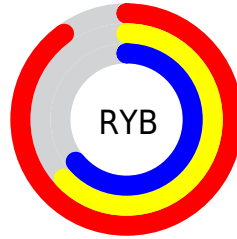
The Yxy color **44.9214, 0.3790, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.8383, 0.2701, 0.3301**, and the grayscale version is **46.6727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3815, 0.3409, 0.3281**, and **20.9473, 0.3992, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **36.8758, 0.4125, 0.3277**, and if you desaturate by 10%, it is **54.5951, 0.3518, 0.3283**.

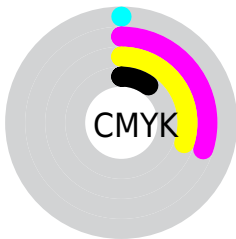
Distribution



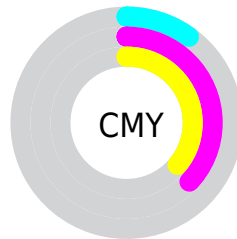
- Red (90%)
- Green (63%)
- Blue (64%)



- Red (90%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (10%)





- Cyan (10%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9214, 0.3790, 0.3280 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 44.9214, 0.3790, 0.3280 by changing the saturation by 10% instead.


 44.9214, 0.3790,
0.3280

 44.9214, 0.3790,
0.3280


366.4551, 0.3453,
0.3292

 31.3955, 0.3875,
0.3275

 82.6025, 0.3667,
0.3286

 20.9002, 0.3986,
0.3267

 107.5264, 0.3621,
0.3288

 13.0511, 0.4133,
0.3253


137.0185, 0.3582,
0.3289

 7.4637, 0.4341,
0.3230

171.4632, 0.3549,
0.3290

 3.7538, 0.4653,
0.3186

211.2448, 0.3520,
0.3291

 1.5368, 0.5170,
0.3092

256.7477, 0.3495,

 0.3144, 0.7475,

0.3291

0.2525

308.3564, 0.3473,
0.3292

0.0000, 0.0000,
0.0000

44.9214, 0.3790,
0.3280

44.9214, 0.3790,
0.3280

36.8758, 0.4125,
0.3277

54.5951, 0.3518,
0.3283

30.3630, 0.4526,
0.3275

65.9729, 0.3301,
0.3287

25.2876, 0.4984,
0.3274

79.1333, 0.3127,
0.3290

21.5408, 0.5463,
0.3276

94.1486, 0.2988,
0.3293

18.9986, 0.5900,
0.3281

95.5664, 0.2976,
0.3290

■ 17.5134, 0.6221,
0.3288

■ 16.8340, 0.6389,
0.3293

Harmonies

Analogous

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



44.9214, 0.3482, 0.2982



44.9214, 0.3790, 0.3280



44.9214, 0.3907, 0.3597

Triad

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



44.9214, 0.3790, 0.3280



44.9214, 0.3128, 0.3909



44.9214, 0.2484, 0.2706

Complementary

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



44.9214, 0.3790, 0.3280



69.8383, 0.2701, 0.3301

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.



44.9214, 0.2405, 0.2909



44.9214, 0.3790, 0.3280



44.9214, 0.2761, 0.3624

Square

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



44.9214, 0.3790, 0.3280



44.9214, 0.3509, 0.3990



44.9214, 0.2502, 0.3244



44.9214, 0.2726, 0.2659

Rectangle

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



44.9214, 0.3790, 0.3280



44.9214, 0.3859, 0.3784



44.9214, 0.2502, 0.3244



44.9214, 0.2438, 0.2756

Sweetspot

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



44.9235, 0.3790, 0.3280



84.8499, 0.3283, 0.3287



47.8386, 0.3152, 0.2543



17.6748, 0.3311, 0.3287



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.



44.9235, 0.3790, 0.3280



50.2264, 0.3989, 0.3278



58.1421, 0.3689, 0.3670



14.3715, 0.3290, 0.3287



9.5301, 0.6384, 0.3291



0.7055, 0.6338, 0.3265

Inverse Universe

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



44.9235, 0.3790, 0.3280



50.2264, 0.3989, 0.3278



53.0681, 0.2649, 0.2877



14.3715, 0.3290, 0.3287



9.5301, 0.6384, 0.3291



0.7055, 0.6338, 0.3265

Previews

White Background



This preview shows how the Yxy color 44.9214, 0.3790, 0.3280 looks on a white background.

Color Contrast Check

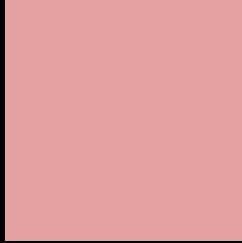
Large Text (above 18pt) WCAG AA × Fail

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 44.9214, 0.3790, 0.3280 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 44.9214, 0.3790, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 44.9214, 0.3790, 0.3280.



This preview shows how white text looks on a background with the Yxy color 44.9214, 0.3790, 0.3280.

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

44.9214, 0.3790, 0.3280

Protanopia

44.9714, 0.3237, 0.3383

Deuteranopia

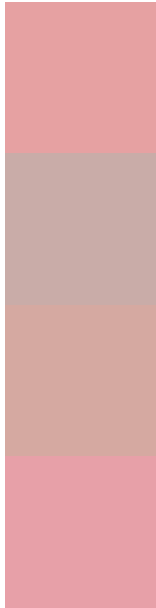
45.1217, 0.3516, 0.3455



Tritanopia

44.7638, 0.3707, 0.3142

Trichromacy



Original Color

44.9214, 0.3790, 0.3280

Protanomaly

44.7497, 0.3428, 0.3341

Deuteranomaly

45.0953, 0.3612, 0.3389

Tritanomaly

44.9577, 0.3743, 0.3200

Monochromacy



Original Color

44.9214, 0.3790, 0.3280

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5094, 0.3344, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9214, 0.3790, 0.3280 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(230, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(230, 161, 162)  
}
```

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(230, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 161, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.9214, 0.3790, 0.3280 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(230, 161, 162) }
```

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

```
.border{ border-color:rgb(230, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(230, 161,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9214, 0.3790, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 161, 162) }
```

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

```
.background{ background-color: rgb(230,  
161, 162) }
```

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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