

Converting Colors

$Yxy(44.7798, 0.3709, 0.3221)$

Have a look what the booklet for
Yxy(44.7798, 0.3709, 0.3221)
contains.

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Color

Yxy(44.6107, 0.3712, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	E3A1A7
RGB	227, 161, 167
RGB Percent	89%, 63%, 65%
CMY	0.1098, 0.3686, 0.3452
CMYK	0.00, 0.29, 0.26, 0.11
HSL	355°, 54%, 76%
HSV	355°, 29%, 89%
XYZ	51.3951, 44.6107, 42.4508
YIQ	181.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

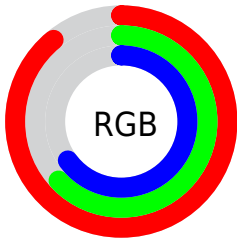
Format	Color
R _Y B	227, 161, 167
Decimal	14918055
CIE Lab	72.63, 25.30, 6.71
CIE LCh	73, 26.175, 14.857
Yxy	44.6107, 0.3712, 0.3222
Android (android.graphics.Color)	4293108135 (0xFFE3A1A7)
YUV	181.4180, -7.1081, 39.9754
Hunter-Lab	66.7912, 20.4690, 9.0707

Details

The Yxy color **44.6107, 0.3712, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.7341, 0.2740, 0.3361**, and the grayscale version is **46.4711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6457, 0.3373, 0.3230**, and **20.7211, 0.3882, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **36.6822, 0.4013, 0.3198**, and if you desaturate by 10%, it is **54.1054, 0.3468, 0.3246**.

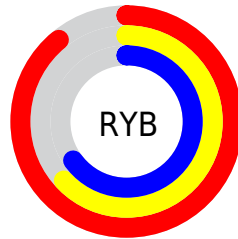
Distribution



Red (89%)

Green (63%)

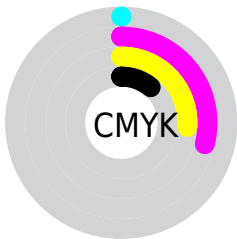
Blue (65%)



Red (89%)

Yellow (63%)

Blue (65%)

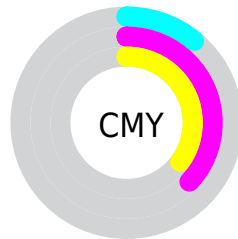


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6107, 0.3712, 0.3222 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 44.6107, 0.3712, 0.3222 by changing the saturation by 10% instead.


 44.6107, 0.3712,
0.3222


 44.6107, 0.3712,
0.3222


365.1946, 0.3415,
0.3261

 31.1509, 0.3787,
0.3211


 82.1359, 0.3603,
0.3237

 20.7138, 0.3885,
0.3195


 106.9701, 0.3563,
0.3243

 12.9149, 0.4015,
0.3173


136.3646, 0.3528,
0.3247

 7.3700, 0.4200,
0.3139

170.7037, 0.3499,
0.3251

 3.6946, 0.4478,
0.3082

210.3719, 0.3474,
0.3254

 1.5042, 0.4941,
0.2971

255.7535, 0.3452,

 0.2917, 0.7544,

0.3257

0.2456

307.2329, 0.3432,
0.3259

0.0000, 0.0000,
0.0000

44.6107, 0.3712,
0.3222

44.6107, 0.3712,
0.3222

36.6822, 0.4013,
0.3198

54.1054, 0.3468,
0.3246

30.2298, 0.4376,
0.3178

65.2376, 0.3271,
0.3270

25.1641, 0.4796,
0.3164

78.0815, 0.3114,
0.3292

21.3832, 0.5250,
0.3163

92.7052, 0.2987,
0.3312

18.7715, 0.5694,
0.3178

95.0697, 0.2958,
0.3290

■ 17.1923, 0.6061,
0.3210

■ 16.4353, 0.6299,
0.3251

■ 16.3821, 0.6316,
0.3253

Harmonies

Analogous

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



44.6107, 0.3394, 0.2947



44.6107, 0.3712, 0.3222



44.6107, 0.3864, 0.3526

Triad

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



44.6107, 0.3712, 0.3222



44.6107, 0.3203, 0.3910



44.6107, 0.2485, 0.2760

Complementary

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



44.6107, 0.3712, 0.3222



67.7341, 0.2740, 0.3361

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.



44.6107, 0.2442, 0.2984



44.6107, 0.3712, 0.3222



44.6107, 0.2843, 0.3672

Square

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



44.6107, 0.3712, 0.3222



44.6107, 0.3557, 0.3947



44.6107, 0.2569, 0.3319



44.6107, 0.2688, 0.2684

Rectangle

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



44.6107, 0.3712, 0.3222



44.6107, 0.3847, 0.3714



44.6107, 0.2569, 0.3319



44.6107, 0.2452, 0.2819

Sweetspot

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



44.6128, 0.3712, 0.3222



84.9491, 0.3271, 0.3270



46.3167, 0.3104, 0.2556



17.6989, 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.



44.6128, 0.3712, 0.3222



51.4907, 0.3890, 0.3207



54.6156, 0.3684, 0.3596



14.3891, 0.3278, 0.3269



9.5621, 0.6296, 0.3242



0.7139, 0.6042, 0.3102

Inverse Universe

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



44.6128, 0.3712, 0.3222



51.4907, 0.3890, 0.3207



54.7110, 0.2672, 0.2962



14.3891, 0.3278, 0.3269



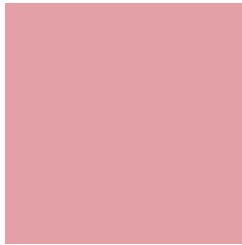
9.5621, 0.6296, 0.3242



0.7139, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 44.6107, 0.3712, 0.3222 looks on a white background.

Color Contrast Check

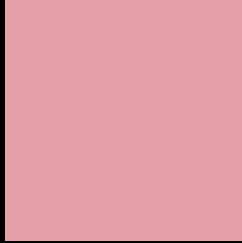
Large Text (above 18pt) WCAG AA × Fail

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 44.6107, 0.3712, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

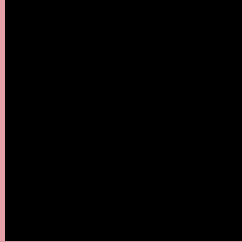
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6107, 0.3712, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 44.6107, 0.3712, 0.3222.



This preview shows how white text looks on a background with the Yxy color 44.6107, 0.3712, 0.3222.

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

44.6107, 0.3712, 0.3222

Protanopia

44.9205, 0.3178, 0.3317

Deuteranopia

44.6392, 0.3455, 0.3380



Tritanopia

44.6141, 0.3675, 0.3152

Trichromacy



Original Color

44.6107, 0.3712, 0.3222

Protanomaly

44.5279, 0.3356, 0.3278

Deuteranomaly

44.4601, 0.3540, 0.3316

Tritanomaly

44.5379, 0.3695, 0.3175

Monochromacy



Original Color

44.6107, 0.3712, 0.3222

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4125, 0.3326, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6107, 0.3712, 0.3222 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(227, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(227, 161, 167)  
}
```

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(227, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 161, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.6107, 0.3712, 0.3222 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(227, 161, 167) }
```

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

```
.border{ border-color:rgb(227, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 161, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 161, 167);  
box-shadow:4px 4px 4px 4px rgb(227, 161,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6107, 0.3712, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 161, 167) }
```

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

```
.background{ background-color: rgb(227,  
161, 167) }
```

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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