

Converting Colors

$Yxy(48.7297, 0.3514, 0.3175)$

Have a look what the booklet for
Yxy(48.7297, 0.3514, 0.3175)
contains.

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Color

Yxy(48.7297, 0.3514, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	E0ACB6
RGB	224, 172, 182
RGB Percent	88%, 67%, 71%
CMY	0.1216, 0.3254, 0.2863
CMYK	0.00, 0.23, 0.19, 0.12
HSL	348°, 46%, 78%
HSV	348°, 23%, 88%
XYZ	53.9327, 48.7297, 50.8170
YIQ	188.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

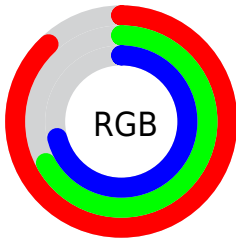
Format	Color
R _Y B	224, 172, 182
Decimal	14724278
CIE Lab	75.28, 20.48, 2.25
CIE LCh	75, 20.606, 6.263
Yxy	48.7297, 0.3514, 0.3175
Android (android.graphics.Color)	4292914358 (0xFFE0ACB6)
YUV	188.6880, -3.2972, 30.9686
Hunter-Lab	69.8067, 15.7475, 5.7034

Details

The Yxy color **48.7297, 0.3514, 0.3175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.9306, 0.2842, 0.3409**, and the grayscale version is **50.7094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9199, 0.3250, 0.3192**, and **23.1035, 0.3627, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **40.2113, 0.3749, 0.3123**, and if you desaturate by 10%, it is **58.7861, 0.3324, 0.3227**.

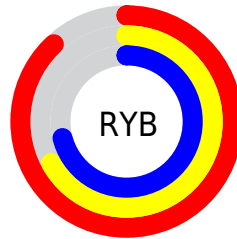
Distribution



Red (88%)

Green (67%)

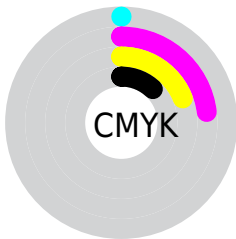
Blue (71%)



Red (88%)

Yellow (67%)

Blue (71%)

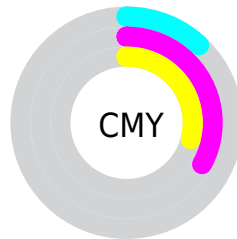


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7297, 0.3514, 0.3175 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 48.7297, 0.3514, 0.3175 by changing the saturation by 10% instead.


 48.7297, 0.3514,
0.3175

 48.7297, 0.3514,
0.3175

381.6772, 0.3321,
0.3233

 34.4051, 0.3562,
0.3160


 88.2899, 0.3444,
0.3196

 23.2050, 0.3623,
0.3141


114.2942, 0.3418,
0.3204

 14.7449, 0.3705,
0.3115


144.9606, 0.3396,
0.3211

 8.6406, 0.3818,
0.3079

180.6735, 0.3377,
0.3217

 4.5075, 0.3985,
0.3024

221.8172, 0.3360,
0.3222

 1.9613, 0.4259,
0.2932

268.7761, 0.3346,

 0.5848, 0.5024,

0.3226

0.2734

321.9347, 0.3333,
0.3230

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7297, 0.3514,
0.3175

48.7297, 0.3514,
0.3175

40.2113, 0.3749,
0.3123

58.7861, 0.3324,
0.3227

33.1486, 0.4034,
0.3072

70.4442, 0.3170,
0.3275

27.4617, 0.4374,
0.3030

83.7723, 0.3046,
0.3320

23.0602, 0.4763,
0.3002

94.5450, 0.2944,
0.3296

■ 19.8431, 0.5180,
0.3000

■ 94.5850, 0.2940,
0.3289

■ 17.6938, 0.5588,
0.3030

■ 16.4719, 0.5936,
0.3093

■ 16.0196, 0.6121,
0.3145

Harmonies

Analogous

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



48.7297, 0.3252, 0.2973



48.7297, 0.3514, 0.3175



48.7297, 0.3671, 0.3412

Triad

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



48.7297, 0.3514, 0.3175



48.7297, 0.3271, 0.3782



48.7297, 0.2607, 0.2923

Complementary

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



48.7297, 0.3514, 0.3175



66.9306, 0.2842, 0.3409

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.



48.7297, 0.2612, 0.3128



48.7297, 0.3514, 0.3175



48.7297, 0.2987, 0.3642

Square

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



48.7297, 0.3514, 0.3175



48.7297, 0.3524, 0.3772



48.7297, 0.2748, 0.3395



48.7297, 0.2732, 0.2826

Rectangle

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



48.7297, 0.3514, 0.3175



48.7297, 0.3691, 0.3563



48.7297, 0.2748, 0.3395



48.7297, 0.2593, 0.2981

Sweetspot

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



48.7319, 0.3514, 0.3175



88.2410, 0.3225, 0.3257



49.1254, 0.3067, 0.2699



18.6813, 0.3234, 0.3254



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.



48.7319, 0.3514, 0.3175



59.4208, 0.3625, 0.3149



54.6215, 0.3565, 0.3472



13.7434, 0.3262, 0.3245



9.3386, 0.6088, 0.3127



0.6598, 0.5669, 0.2897

Inverse Universe

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



48.7319, 0.3514, 0.3175



59.4208, 0.3625, 0.3149



59.4569, 0.2770, 0.3101



13.7434, 0.3262, 0.3245



9.3386, 0.6088, 0.3127



0.6598, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 48.7297, 0.3514, 0.3175 looks on a white background.

Color Contrast Check

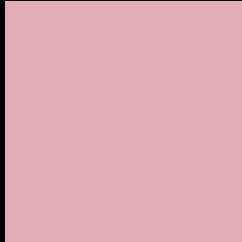
Large Text (above 18pt) WCAG AA × Fail

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 48.7297, 0.3514, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

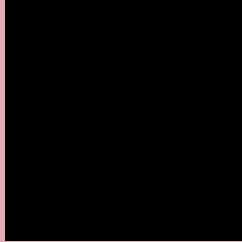
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7297, 0.3514, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 48.7297, 0.3514, 0.3175.



This preview shows how white text looks on a background with the Yxy color 48.7297, 0.3514, 0.3175.

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

48.7297, 0.3514, 0.3175

Protanopia

49.0634, 0.3121, 0.3239

Deuteranopia

48.9578, 0.3337, 0.3278



Tritanopia

48.8551, 0.3487, 0.3140

Trichromacy



Original Color

48.7297, 0.3514, 0.3175

Protanomaly

48.6052, 0.3261, 0.3216

Deuteranomaly

48.7775, 0.3405, 0.3243

Tritanomaly

48.8130, 0.3496, 0.3152

Monochromacy



Original Color

48.7297, 0.3514, 0.3175

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.9687, 0.3266, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7297, 0.3514, 0.3175 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(224, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 182)  
}
```

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(224, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 182) }
```

Border

The CSS property to change the border of an element to Yxy 48.7297, 0.3514, 0.3175 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(224, 172, 182) }
```

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

```
.border{ border-color:rgb(224, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7297, 0.3514, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 182) }
```

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

```
.background{ background-color: rgb(224,  
172, 182) }
```

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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