

Converting Colors

$Y_{xy}(45.7900, 0.3764, 0.3423)$

Have a look what the booklet for
Yxy(45.7900, 0.3764, 0.3423)
contains.

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Color

Yxy(45.7257, 0.3761, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	DFA79C
RGB	223, 167, 156
RGB Percent	87%, 65%, 61%
CMY	0.1254, 0.3451, 0.3881
CMYK	0.00, 0.25, 0.30, 0.13
HSL	10°, 51%, 74%
HSV	10°, 30%, 87%
XYZ	50.2555, 45.7257, 37.6415
YIQ	182.4900, 36.9070, 8.4510

Conversions

Conversions Part 2

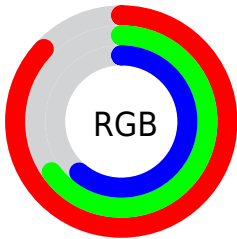
Format	Color
R _Y B	223, 169, 156
Decimal	14657436
CIE Lab	73.37, 19.11, 13.71
CIE LCh	73, 23.522, 35.664
Yxy	45.7257, 0.3761, 0.3422
Android (android.graphics.Color)	4292847516 (0xFFDFA79C)
YUV	182.4900, -13.0596, 35.5273
Hunter-Lab	67.6208, 14.3242, 14.3304

Details

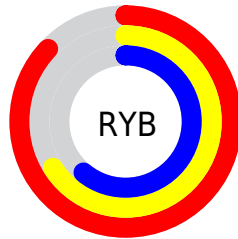
The Yxy color **45.7257, 0.3761, 0.3422** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.5074, 0.2680, 0.3153**, and the grayscale version is **47.1202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1557, 0.3449, 0.3412**, and **21.3884, 0.3936, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **38.6930, 0.4065, 0.3467**, and if you desaturate by 10%, it is **53.8868, 0.3508, 0.3376**.

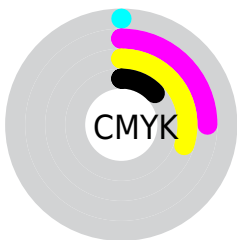
Distribution



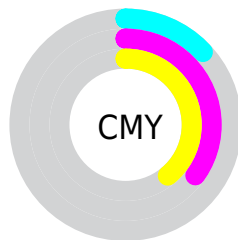
- Red (87%)
- Green (65%)
- Blue (61%)



- Red (87%)
- Yellow (66%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7257, 0.3761, 0.3422 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 45.7257, 0.3761, 0.3422 by changing the saturation by 10% instead.

 45.7257, 0.3761,
0.3422

 45.7257, 0.3761,
0.3422


369.7048, 0.3440,
0.3364

 32.0294, 0.3842,
0.3434


 83.8083, 0.3644,
0.3403

 21.3840, 0.3947,
0.3448


 108.9635, 0.3600,
0.3395

 13.4050, 0.4086,
0.3464


138.7070, 0.3563,
0.3388

 7.7080, 0.4282,
0.3481

173.4234, 0.3531,
0.3382

 3.9087, 0.4574,
0.3494

213.4970, 0.3504,
0.3377

 1.6226, 0.5083,
0.3507

259.3121, 0.3480,

 0.3728, 0.6877,

0.3372

0.3123

311.2532, 0.3459,
0.3367

0.0000, 0.0000,
0.0000

45.7257, 0.3761,
0.3422

45.7257, 0.3761,
0.3422

38.6930, 0.4065,
0.3467

53.8868, 0.3508,
0.3376

32.7326, 0.4423,
0.3508

63.2162, 0.3299,
0.3332

27.7933, 0.4828,
0.3537

73.7599, 0.3128,
0.3290

23.8172, 0.5258,
0.3547

85.5596, 0.2987,
0.3252

20.7403, 0.5673,
0.3530

94.4300, 0.2935,
0.3289

■ 18.4910, 0.6018,
0.3482

■ 16.9836, 0.6253,
0.3417

Harmonies

Analogous

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



45.7257, 0.3573, 0.3150



45.7257, 0.3761, 0.3422



45.7257, 0.3767, 0.3678

Triad

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



45.7257, 0.3761, 0.3422



45.7257, 0.2969, 0.3709



45.7257, 0.2665, 0.2753

Complementary

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



45.7257, 0.3761, 0.3422



59.5074, 0.2680, 0.3153

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.



45.7257, 0.2523, 0.2865



45.7257, 0.3761, 0.3422



45.7257, 0.2691, 0.3417

Square

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



45.7257, 0.3761, 0.3422



45.7257, 0.3299, 0.3869



45.7257, 0.2532, 0.3104



45.7257, 0.2931, 0.2776

Rectangle

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



45.7257, 0.3761, 0.3422



45.7257, 0.3668, 0.3806



45.7257, 0.2532, 0.3104



45.7257, 0.2602, 0.2775

Sweetspot

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



45.7278, 0.3761, 0.3422



86.9697, 0.3281, 0.3327



44.2786, 0.3249, 0.2648



18.1917, 0.3308, 0.3334



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.



45.7278, 0.3761, 0.3422



55.8454, 0.3944, 0.3451



59.1999, 0.3651, 0.3793



14.0613, 0.3288, 0.3329



10.0940, 0.6233, 0.3433



0.8116, 0.5962, 0.3648

Inverse Universe

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



59.5074, 0.2680, 0.3153



77.3279, 0.2597, 0.3120



44.8291, 0.2633, 0.2729



15.1701, 0.2982, 0.3251



24.0421, 0.2101, 0.2762



1.7697, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 45.7257, 0.3761, 0.3422 looks on a white background.

Color Contrast Check

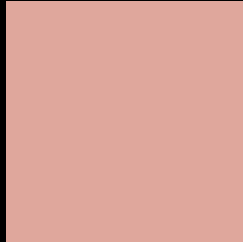
Large Text (above 18pt) WCAG AA × Fail

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 45.7257, 0.3761, 0.3422 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 45.7257, 0.3761, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 45.7257, 0.3761, 0.3422.



This preview shows how white text looks on a background with the Yxy color 45.7257, 0.3761, 0.3422.

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

45.7257, 0.3761, 0.3422

Protanopia

45.9782, 0.3337, 0.3513

Deuteranopia

45.9041, 0.3596, 0.3529



Tritanopia

45.7328, 0.3588, 0.3140

Trichromacy



Original Color

45.7257, 0.3761, 0.3422

Protanomaly

45.6155, 0.3493, 0.3481

Deuteranomaly

45.6385, 0.3662, 0.3488

Tritanomaly

45.6221, 0.3652, 0.3244

Monochromacy



Original Color

45.7257, 0.3761, 0.3422

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3317, 0.3338, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7257, 0.3761, 0.3422 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(223, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(223, 167, 156)  
}
```

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(223, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 167, 156) }
```

Border

The CSS property to change the border of an element to Yxy 45.7257, 0.3761, 0.3422 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(223, 167, 156) }
```

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

```
.border{ border-color:rgb(223, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(223, 167,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7257, 0.3761, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 167, 156) }
```

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

```
.background{ background-color: rgb(223,  
167, 156) }
```

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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