

Converting Colors

$Yxy(45.3315, 0.3756, 0.3292)$

Have a look what the booklet for
Yxy(45.3315, 0.3756, 0.3292)
contains.

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Color

Yxy(45.3327, 0.3754, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E4A3A3
RGB	228, 163, 163
RGB Percent	89%, 64%, 64%
CMY	0.1060, 0.3607, 0.3608
CMYK	0.00, 0.28, 0.28, 0.11
HSL	0°, 55%, 77%
HSV	0°, 28%, 89%
XYZ	51.6947, 45.3327, 40.6782
YIQ	182.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

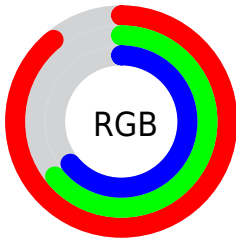
Format	Color
R _Y B	228, 163, 163
Decimal	14984099
CIE Lab	73.11, 24.04, 9.59
CIE LCh	73, 25.884, 21.756
Yxy	45.3327, 0.3754, 0.3292
Android (android.graphics.Color)	4293174179 (0xFFE4A3A3)
YUV	182.4350, -9.5815, 39.9605
Hunter-Lab	67.3296, 19.2231, 11.3097

Details

The Yxy color $45.3327, 0.3754, 0.3292$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $68.8448, 0.2715, 0.3289$, and the grayscale version is $47.0669, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4648, 0.3398, 0.3291$, and $21.1745, 0.3941, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $37.2115, 0.4084, 0.3293$, and if you desaturate by 10%, it is $55.0639, 0.3487, 0.3291$.

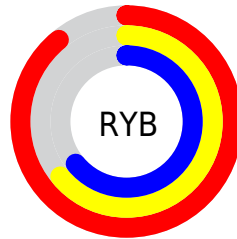
Distribution



Red (89%)

Green (64%)

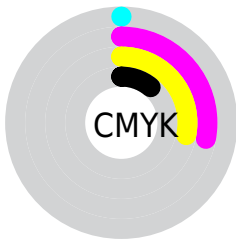
Blue (64%)



Red (89%)

Yellow (64%)

Blue (64%)

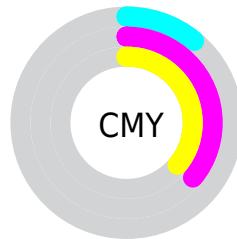


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3327, 0.3754, 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 45.3327, 0.3754, 0.3292 by changing the saturation by 10% instead.


 45.3327, 0.3754,
0.3292


 45.3327, 0.3754,
0.3292


368.1193, 0.3436,
0.3298

 31.7196, 0.3834,
0.3289


 83.2194, 0.3638,
0.3296

 21.1474, 0.3938,
0.3283


 108.2618, 0.3594,
0.3296

 13.2318, 0.4077,
0.3273


137.8828, 0.3558,
0.3297

 7.5883, 0.4273,
0.3256

172.4666, 0.3526,
0.3297

 3.8327, 0.4566,
0.3221

212.3978, 0.3499,
0.3298

 1.5804, 0.5051,
0.3141

258.0607, 0.3476,

 0.3443, 0.7268,

0.3298

0.2732

309.8398, 0.3455,
0.3298

0.0000, 0.0000,
0.0000

45.3327, 0.3754,
0.3292

45.3327, 0.3754,
0.3292

37.2115, 0.4084,
0.3293

55.0639, 0.3487,
0.3291

30.6076, 0.4481,
0.3294

66.4784, 0.3274,
0.3291

25.4287, 0.4937,
0.3296

79.6529, 0.3104,
0.3290

21.5701, 0.5420,
0.3297

94.6575, 0.2968,
0.3289

18.9123, 0.5867,
0.3298

95.2280, 0.2964,
0.3290

■ 17.3148, 0.6202,
0.3299

■ 16.5712, 0.6380,
0.3300

■ 16.4892, 0.6401,
0.3300

Harmonies

Analogous

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



45.3327, 0.3471, 0.3009



45.3327, 0.3754, 0.3292



45.3327, 0.3857, 0.3590

Triad

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



45.3327, 0.3754, 0.3292



45.3327, 0.3118, 0.3861



45.3327, 0.2528, 0.2738

Complementary

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



45.3327, 0.3754, 0.3292



68.8448, 0.2715, 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.



45.3327, 0.2448, 0.2926



45.3327, 0.3754, 0.3292



45.3327, 0.2775, 0.3591

Square

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



45.3327, 0.3754, 0.3292



45.3327, 0.3476, 0.3946



45.3327, 0.2535, 0.3238



45.3327, 0.2761, 0.2697

Rectangle

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



45.3327, 0.3754, 0.3292



45.3327, 0.3808, 0.3763



45.3327, 0.2535, 0.3238



45.3327, 0.2483, 0.2785

Sweetspot

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



45.3348, 0.3754, 0.3292



84.8335, 0.3285, 0.3291



48.2841, 0.3160, 0.2583



17.6708, 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.



45.3348, 0.3754, 0.3292



52.2223, 0.3934, 0.3293



58.3805, 0.3651, 0.3661



14.3686, 0.3293, 0.3291



9.5252, 0.6401, 0.3300



0.7041, 0.6400, 0.3300

Inverse Universe

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



68.8448, 0.2715, 0.3289



87.0844, 0.2644, 0.3288



52.6345, 0.2673, 0.2887



16.3358, 0.2982, 0.3290



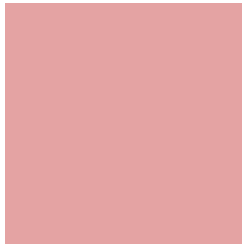
35.2574, 0.2246, 0.3287



2.6056, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 45.3327, 0.3754, 0.3292 looks on a white background.

Color Contrast Check

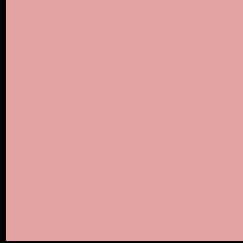
Large Text (above 18pt) WCAG AA × Fail

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 45.3327, 0.3754, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

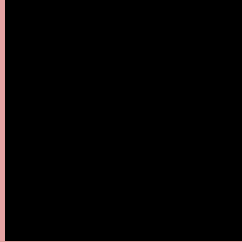
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3327, 0.3754, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 45.3327, 0.3754, 0.3292.



This preview shows how white text looks on a background with the Yxy color 45.3327, 0.3754, 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

45.3327, 0.3754, 0.3292

Protanopia

45.5330, 0.3237, 0.3382

Deuteranopia

45.2977, 0.3517, 0.3442



Tritanopia

45.2037, 0.3662, 0.3141

Trichromacy



Original Color

45.3327, 0.3754, 0.3292

Protanomaly

45.1692, 0.3417, 0.3341

Deuteranomaly

45.1307, 0.3603, 0.3377

Tritanomaly

45.4010, 0.3699, 0.3199

Monochromacy



Original Color

45.3327, 0.3754, 0.3292

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8972, 0.3343, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3327, 0.3754, 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(228, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 163, 163)  
}
```

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(228, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 163, 163) }
```

Border

The CSS property to change the border of an element to Yxy 45.3327, 0.3754, 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(228, 163, 163) }
```

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

```
.border{ border-color:rgb(228, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 163, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 163, 163); box-shadow:4px 4px 4px 4px rgb(228, 163, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3327, 0.3754, 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(228, 163, 163) }
```

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

```
.background{ background-color: rgb(228,  
163, 163) }
```

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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