

Converting Colors

$Yxy(45.2010, 0.3662, 0.3387)$

Have a look what the booklet for
Yxy(45.2010, 0.3662, 0.3387)
contains.

Yxy(45.2950, 0.3663, 0.3388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.2950, 0.3663, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	D9A8A0
RGB	217, 168, 160
RGB Percent	85%, 66%, 63%
CMY	0.1489, 0.3412, 0.3725
CMYK	0.00, 0.23, 0.26, 0.15
HSL	8°, 43%, 74%
HSV	8°, 26%, 85%
XYZ	48.9715, 45.2950, 39.4259
YIQ	181.7390, 31.7720, 7.9000

Conversions

Conversions Part 2

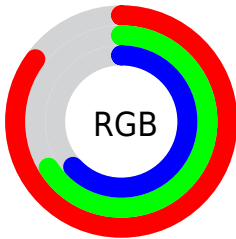
Format	Color
R _Y B	217, 169, 160
Decimal	14264480
CIE Lab	73.09, 16.85, 11.04
CIE LCh	73, 20.148, 33.244
Yxy	45.2950, 0.3663, 0.3388
Android (android.graphics.Color)	4292454560 (0xFFD9A8A0)
YUV	181.7390, -10.7173, 30.9239
Hunter-Lab	67.3016, 12.1066, 12.3784

Details

The Yxy color $45.2950, 0.3663, 0.3388$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $58.1170, 0.2735, 0.3189$, and the grayscale version is $46.6788, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9416, 0.3412, 0.3371$, and $21.1720, 0.3812, 0.3405$ is the 20% darker color. If you saturate the color by 10%, you get $38.1979, 0.3951, 0.3427$, and if you desaturate by 10%, it is $53.5184, 0.3425, 0.3349$.

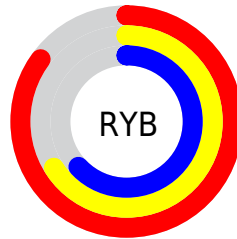
Distribution



Red (85%)

Green (66%)

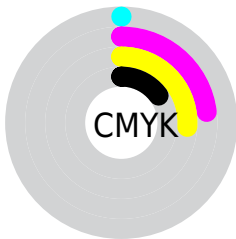
Blue (63%)



Red (85%)

Yellow (66%)

Blue (63%)

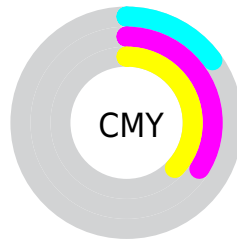


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2950, 0.3663, 0.3388 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 45.2950, 0.3663, 0.3388 by changing the saturation by 10% instead.


 45.2950, 0.3663,
0.3388

 45.2950, 0.3663,
0.3388


367.9670, 0.3391,
0.3344

 31.6899, 0.3732,
0.3397


 83.1629, 0.3563,
0.3373

 21.1247, 0.3821,
0.3408


 108.1945, 0.3526,
0.3367

 13.2152, 0.3940,
0.3420


137.8036, 0.3495,
0.3362

 7.5769, 0.4108,
0.3434

172.3747, 0.3468,
0.3358

 3.8254, 0.4360,
0.3446

212.2923, 0.3445,
0.3354

 1.5764, 0.4787,
0.3450

257.9405, 0.3425,

 0.3416, 0.6830,

0.3350

0.3170

309.7040, 0.3407,
0.3347

0.0000, 0.0000,
0.0000

45.2950, 0.3663,
0.3388

45.2950, 0.3663,
0.3388

38.1979, 0.3951,
0.3427

53.5184, 0.3425,
0.3349

32.1719, 0.4294,
0.3464

62.9077, 0.3231,
0.3312

27.1667, 0.4691,
0.3493

73.5082, 0.3072,
0.3278

23.1253, 0.5124,
0.3508

85.3610, 0.2941,
0.3246

19.9852, 0.5558,
0.3501

93.4970, 0.2900,
0.3289

■ 17.6762, 0.5938,
0.3467

■ 16.1174, 0.6209,
0.3411

■ 15.7035, 0.6285,
0.3392

Harmonies

Analogous

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



45.2950, 0.3492, 0.3152



45.2950, 0.3663, 0.3388



45.2950, 0.3682, 0.3612

Triad

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



45.2950, 0.3663, 0.3388



45.2950, 0.3015, 0.3663



45.2950, 0.2713, 0.2830

Complementary

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



45.2950, 0.3663, 0.3388



58.1170, 0.2735, 0.3189

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.



45.2950, 0.2600, 0.2939



45.2950, 0.3663, 0.3388



45.2950, 0.2768, 0.3422

Square

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



45.2950, 0.3663, 0.3388



45.2950, 0.3300, 0.3789



45.2950, 0.2619, 0.3153



45.2950, 0.2938, 0.2839

Rectangle

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



45.2950, 0.3663, 0.3388



45.2950, 0.3607, 0.3725



45.2950, 0.2619, 0.3153



45.2950, 0.2662, 0.2853

Sweetspot

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



45.2971, 0.3663, 0.3388



88.0661, 0.3263, 0.3318



44.5288, 0.3223, 0.2720



18.3966, 0.3291, 0.3324



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.



45.2971, 0.3663, 0.3388



58.9121, 0.3830, 0.3412



56.8329, 0.3580, 0.3716



13.3437, 0.3288, 0.3323



9.5936, 0.6267, 0.3406



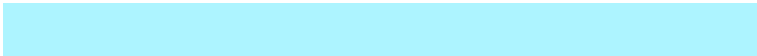
0.7179, 0.6003, 0.3616

Inverse Universe

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



58.1170, 0.2735, 0.3189



80.6034, 0.2653, 0.3163



45.5029, 0.2701, 0.2823



14.5028, 0.2982, 0.3256



24.5747, 0.2123, 0.2843



1.6793, 0.2145, 0.2923

Previews

White Background



This preview shows how the Yxy color 45.2950, 0.3663, 0.3388 looks on a white background.

Color Contrast Check

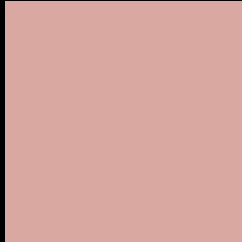
Large Text (above 18pt) WCAG AA × Fail

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 45.2950, 0.3663, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

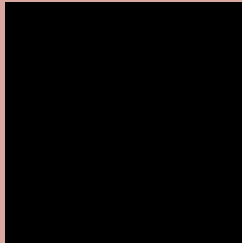
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2950, 0.3663, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 45.2950, 0.3663, 0.3388.



This preview shows how white text looks on a background with the Yxy color 45.2950, 0.3663, 0.3388.

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

45.2950, 0.3663, 0.3388

Protanopia

45.4325, 0.3295, 0.3461

Deuteranopia

45.3695, 0.3544, 0.3467



Tritanopia

45.1847, 0.3520, 0.3137

Trichromacy



Original Color

45.2950, 0.3663, 0.3388

Protanomaly

45.2106, 0.3420, 0.3432

Deuteranomaly

45.1843, 0.3587, 0.3440

Tritanomaly

45.1181, 0.3574, 0.3231

Monochromacy



Original Color

45.2950, 0.3663, 0.3388

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1024, 0.3312, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2950, 0.3663, 0.3388 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(217, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(217, 168, 160)  
}
```

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(217, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 168, 160) }
```

Border

The CSS property to change the border of an element to Yxy 45.2950, 0.3663, 0.3388 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(217, 168, 160) }
```

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

```
.border{ border-color:rgb(217, 168, 160) }
```

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

Here you see how a box with a 4 pixel rgb(217, 168, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(217, 168,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2950, 0.3663, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 168, 160) }
```

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

```
.background{ background-color: rgb(217,  
168, 160) }
```

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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