

Converting Colors

$Yxy(45.3910, 0.3527, 0.3371)$

Have a look what the booklet for
Yxy(45.3910, 0.3527, 0.3371)
contains.

Yxy(45.2523, 0.3523, 0.3366)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.2523, 0.3523, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	D0ABA5
RGB	208, 171, 165
RGB Percent	82%, 67%, 65%
CMY	0.1844, 0.3294, 0.3530
CMYK	0.00, 0.18, 0.21, 0.18
HSL	8°, 31%, 73%
HSV	8°, 21%, 82%
XYZ	47.3630, 45.2523, 41.8241
YIQ	181.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

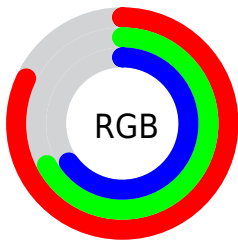
Format	Color
R _Y B	208, 172, 165
Decimal	13675429
CIE Lab	73.06, 12.53, 8.16
CIE LCh	73, 14.957, 33.076
Yxy	45.2523, 0.3523, 0.3366
Android (android.graphics.Color)	4291865509 (0xFFD0ABA5)
YUV	181.3790, -8.0748, 23.3466
Hunter-Lab	67.2698, 7.9552, 10.2261

Details

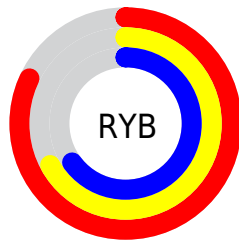
The Yxy color **45.2523, 0.3523, 0.3366** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7711, 0.2816, 0.3213**, and the grayscale version is **46.4590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8200, 0.3373, 0.3351**, and **21.1582, 0.3641, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **38.2526, 0.3781, 0.3406**, and if you desaturate by 10%, it is **53.2931, 0.3311, 0.3328**.

Distribution



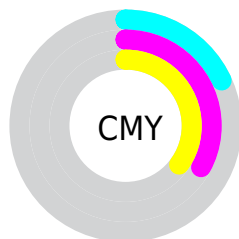
- Red (82%)
- Green (67%)
- Blue (65%)



- Red (82%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2523, 0.3523, 0.3366 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 45.2523, 0.3523, 0.3366 by changing the saturation by 10% instead.


 45.2523, 0.3523,
0.3366


 45.2523, 0.3523,
0.3366


367.7944, 0.3323,
0.3331

 31.6562, 0.3574,
0.3374


 83.0989, 0.3450,
0.3354

 21.0990, 0.3639,
0.3383


 108.1182, 0.3422,
0.3349

 13.1964, 0.3728,
0.3395


137.7139, 0.3399,
0.3345

 7.5639, 0.3852,
0.3410

172.2706, 0.3379,
0.3341

 3.8172, 0.4040,
0.3427

212.1726, 0.3362,
0.3338

 1.5718, 0.4357,
0.3444

257.8043, 0.3347,

 0.3385, 0.6497,

0.3336

0.3503

309.5501, 0.3334,
0.3333

0.0000, 0.0000,
0.0000

45.2523, 0.3523,
0.3366

45.2523, 0.3523,
0.3366

38.2526, 0.3781,
0.3406

53.2931, 0.3311,
0.3328

32.2455, 0.4092,
0.3444

62.4089, 0.3138,
0.3292

27.1877, 0.4458,
0.3478

72.6394, 0.2996,
0.3260

23.0304, 0.4871,
0.3502

84.0206, 0.2879,
0.3230

19.7204, 0.5309,
0.3509

92.1485, 0.2849,
0.3289

■ 17.1986, 0.5726,
0.3491

■ 15.3985, 0.6066,
0.3447

■ 14.2960, 0.6281,
0.3395

Harmonies

Analogous

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



45.2523, 0.3397, 0.3187



45.2523, 0.3523, 0.3366



45.2523, 0.3539, 0.3533

Triad

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



45.2523, 0.3523, 0.3366



45.2523, 0.3047, 0.3564



45.2523, 0.2817, 0.2946

Complementary

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



45.2523, 0.3523, 0.3366



54.7711, 0.2816, 0.3213

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.



45.2523, 0.2731, 0.3031



45.2523, 0.3523, 0.3366



45.2523, 0.2861, 0.3390

Square

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



45.2523, 0.3523, 0.3366



45.2523, 0.3259, 0.3657



45.2523, 0.2747, 0.3193



45.2523, 0.2986, 0.2950

Rectangle

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



45.2523, 0.3523, 0.3366



45.2523, 0.3484, 0.3615



45.2523, 0.2747, 0.3193



45.2523, 0.2778, 0.2964

Sweetspot

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



45.2544, 0.3523, 0.3366



90.9463, 0.3227, 0.3311



44.5869, 0.3200, 0.2845



19.2636, 0.3238, 0.3314



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.



45.2544, 0.3523, 0.3366



66.4306, 0.3636, 0.3384



53.9198, 0.3472, 0.3622



12.0719, 0.3287, 0.3323



8.9951, 0.6264, 0.3408



0.5916, 0.5967, 0.3644

Inverse Universe

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



54.7711, 0.2816, 0.3213



84.2750, 0.2750, 0.3193



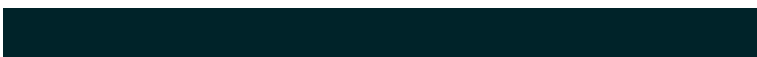
45.4961, 0.2797, 0.2935



13.1125, 0.2983, 0.3257



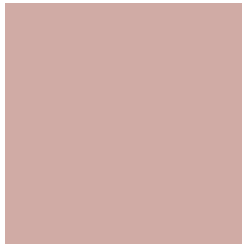
22.9947, 0.2123, 0.2843



1.3653, 0.2148, 0.2932

Previews

White Background



This preview shows how the Yxy color 45.2523, 0.3523, 0.3366 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 45.2523, 0.3523, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

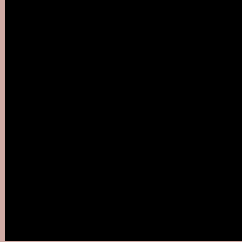
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2523, 0.3523, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 45.2523, 0.3523, 0.3366.



This preview shows how white text looks on a background with the Yxy color 45.2523, 0.3523, 0.3366.

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

45.2523, 0.3523, 0.3366

Protanopia

45.4191, 0.3261, 0.3422

Deuteranopia

45.1603, 0.3462, 0.3392



Tritanopia

45.0843, 0.3393, 0.3120

Trichromacy



Original Color

45.2523, 0.3523, 0.3366

Protanomaly

45.2153, 0.3347, 0.3394

Deuteranomaly

45.0590, 0.3483, 0.3379

Tritanomaly

45.0658, 0.3436, 0.3205

Monochromacy



Original Color

45.2523, 0.3523, 0.3366

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6158, 0.3267, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2523, 0.3523, 0.3366 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(208, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 165)  
}
```

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(208, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.2523, 0.3523, 0.3366 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(208, 171, 165) }
```

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

```
.border{ border-color:rgb(208, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2523, 0.3523, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 165) }
```

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

```
.background{ background-color: rgb(208,  
171, 165) }
```

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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