

Converting Colors

$Yxy(42.5068, 0.3748, 0.3497)$

Have a look what the booklet for
Yxy(42.5068, 0.3748, 0.3497)
contains.

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Color

Yxy(42.6546, 0.3752, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	D4A493
RGB	212, 164, 147
RGB Percent	83%, 64%, 58%
CMY	0.1687, 0.3568, 0.4236
CMYK	0.00, 0.23, 0.31, 0.17
HSL	16°, 43%, 70%
HSV	16°, 31%, 83%
XYZ	45.6866, 42.6546, 33.4247
YIQ	176.4140, 34.0650, 4.8890

Conversions

Conversions Part 2

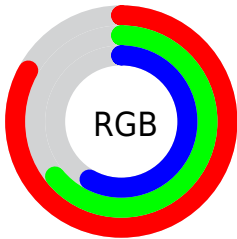
Format	Color
R _Y B	212, 170, 147
Decimal	13935763
CIE Lab	71.32, 15.29, 15.63
CIE LCh	71, 21.869, 45.637
Yxy	42.6546, 0.3752, 0.3503
Android (android.graphics.Color)	4292125843 (0xFFD4A493)
YUV	176.4140, -14.5011, 31.2089
Hunter-Lab	65.3105, 10.5725, 15.3738

Details

The Yxy color $42.6546, 0.3752, 0.3503$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.9596, 0.2663, 0.3065$, and the grayscale version is $43.7073, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1401, 0.3519, 0.3474$, and $19.5008, 0.3944, 0.3558$ is the 20% darker color. If you saturate the color by 10%, you get $36.7917, 0.4037, 0.3575$, and if you desaturate by 10%, it is $49.3328, 0.3510, 0.3430$.

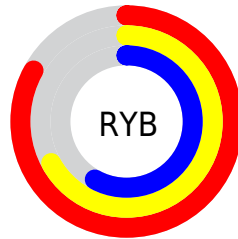
Distribution



Red (83%)

Green (64%)

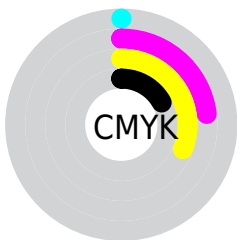
Blue (58%)



Red (83%)

Yellow (67%)

Blue (58%)

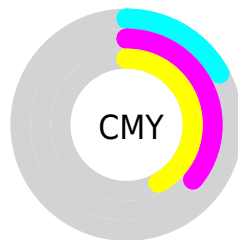


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6546, 0.3752, 0.3503 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 42.6546, 0.3752, 0.3503 by changing the saturation by 10% instead.


 42.6546, 0.3752,
0.3503


 42.6546, 0.3752,
0.3503


357.1894, 0.3432,
0.3403

 29.6142, 0.3834,
0.3526


 79.1894, 0.3634,
0.3468

 19.5459, 0.3940,
0.3553


 103.4525, 0.3590,
0.3455

 12.0654, 0.4083,
0.3587


132.2254, 0.3554,
0.3443

 6.7882, 0.4284,
0.3629

165.8924, 0.3522,
0.3433

 3.3300, 0.4588,
0.3676

204.8379, 0.3495,
0.3424

 1.3064, 0.5316,
0.3878

249.4463, 0.3471,

 0.1461, 0.7780,

0.3416

0.2220

300.1020, 0.3451,
0.3409

0.0000, 0.0000,
0.0000

42.6546, 0.3752,
0.3503

42.6546, 0.3752,
0.3503

36.7917, 0.4037,
0.3575

49.3328, 0.3510,
0.3430

31.7065, 0.4365,
0.3640

56.8502, 0.3307,
0.3360

27.3671, 0.4732,
0.3690

65.2370, 0.3137,
0.3294

23.7373, 0.5120,
0.3715

74.5203, 0.2995,
0.3233

20.7774, 0.5499,
0.3703

84.7257, 0.2876,
0.3178

■ 18.4432, 0.5827,
0.3647

■ 92.7328, 0.2871,
0.3289

■ 16.7772, 0.6065,
0.3566

Harmonies

Analogous

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



42.6546, 0.3628, 0.3242



42.6546, 0.3752, 0.3503



42.6546, 0.3698, 0.3727

Triad

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



42.6546, 0.3752, 0.3503



42.6546, 0.2880, 0.3605



42.6546, 0.2760, 0.2771

Complementary

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



42.6546, 0.3752, 0.3503



49.9596, 0.2663, 0.3065

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.



42.6546, 0.2581, 0.2836



42.6546, 0.3752, 0.3503



42.6546, 0.2647, 0.3310

Square

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



42.6546, 0.3752, 0.3503



42.6546, 0.3186, 0.3807



42.6546, 0.2540, 0.3027



42.6546, 0.3043, 0.2833

Rectangle

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



42.6546, 0.3752, 0.3503



42.6546, 0.3572, 0.3823



42.6546, 0.2540, 0.3027



42.6546, 0.2686, 0.2778

Sweetspot

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



42.6566, 0.3752, 0.3503



88.2752, 0.3279, 0.3350



38.8306, 0.3313, 0.2708



18.5111, 0.3305, 0.3359



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.



42.6566, 0.3752, 0.3503



58.6751, 0.3939, 0.3552



55.4557, 0.3640, 0.3875



12.9447, 0.3285, 0.3352



10.5003, 0.6041, 0.3585



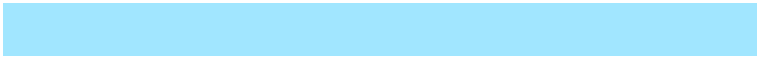
0.7689, 0.5696, 0.3859

Inverse Universe

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



49.9596, 0.2663, 0.3065



71.5087, 0.2568, 0.3008



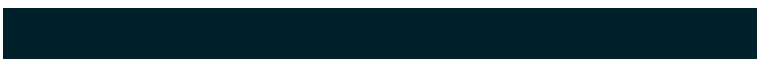
37.2326, 0.2613, 0.2626



13.5315, 0.2982, 0.3227



17.8770, 0.2006, 0.2422



1.2095, 0.2053, 0.2590

Previews

White Background



This preview shows how the Yxy color 42.6546, 0.3752, 0.3503 looks on a white background.

Color Contrast Check

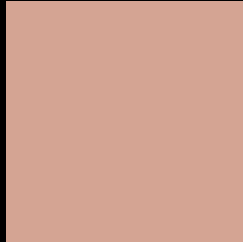
Large Text (above 18pt) WCAG AA × Fail

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 42.6546, 0.3752, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

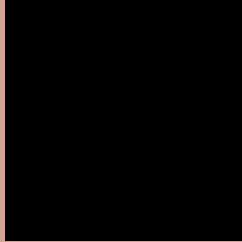
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6546, 0.3752, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 42.6546, 0.3752, 0.3503.



This preview shows how white text looks on a background with the Yxy color 42.6546, 0.3752, 0.3503.

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

42.6546, 0.3752, 0.3503

Protanopia

42.6064, 0.3397, 0.3588

Deuteranopia

42.6371, 0.3650, 0.3574



Tritanopia

42.6058, 0.3540, 0.3134

Trichromacy



Original Color

42.6546, 0.3752, 0.3503

Protanomaly

42.4208, 0.3529, 0.3554

Deuteranomaly

42.8346, 0.3692, 0.3557

Tritanomaly

42.4662, 0.3616, 0.3255

Monochromacy



Original Color

42.6546, 0.3752, 0.3503

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0405, 0.3343, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6546, 0.3752, 0.3503 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(212, 164, 147)` looks like.

```
.text, #text, p{  
    color:rgb(212, 164, 147)  
}
```

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(212, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 164, 147) }
```

Border

The CSS property to change the border of an element to Yxy 42.6546, 0.3752, 0.3503 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(212, 164, 147) }
```

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

```
.border{ border-color:rgb(212, 164, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 164, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 164, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 164, 147);  
box-shadow:4px 4px 4px 4px rgb(212, 164,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6546, 0.3752, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 164, 147) }
```

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

```
.background{ background-color: rgb(212,  
164, 147) }
```

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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