

Converting Colors

$Yxy(41.0453, 0.3717, 0.3417)$

Have a look what the booklet for
Yxy(41.0453, 0.3717, 0.3417)
contains.

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Color

Yxy(41.0453, 0.3717, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	D2A096
RGB	210, 160, 150
RGB Percent	82%, 63%, 59%
CMY	0.1766, 0.3725, 0.4117
CMYK	0.00, 0.24, 0.29, 0.18
HSL	10°, 40%, 71%
HSV	10°, 29%, 82%
XYZ	44.6489, 41.0453, 34.4266
YIQ	173.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

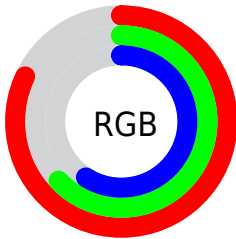
Format	Color
R _Y B	210, 162, 150
Decimal	13803670
CIE Lab	70.21, 17.10, 12.38
CIE LCh	70, 21.110, 35.913
Yxy	41.0453, 0.3717, 0.3417
Android (android.graphics.Color)	4291993750 (0xFFD2A096)
YUV	173.8100, -11.7383, 31.7386
Hunter-Lab	64.0666, 12.2826, 12.9867

Details

The Yxy color $41.0453, 0.3717, 0.3417$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.4293, 0.2702, 0.3158$, and the grayscale version is $42.2741, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.2205, 0.3505, 0.3403$, and $18.4960, 0.3899, 0.3444$ is the 20% darker color. If you saturate the color by 10%, you get $34.7850, 0.4011, 0.3463$, and if you desaturate by 10%, it is $48.2841, 0.3472, 0.3370$.

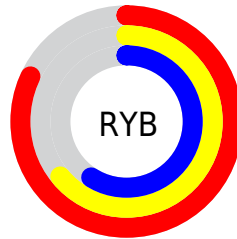
Distribution



Red (82%)

Green (63%)

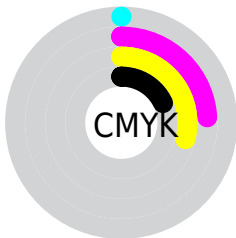
Blue (59%)



Red (82%)

Yellow (64%)

Blue (59%)

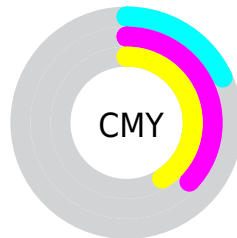


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (18%)



Cyan (18%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0453, 0.3717, 0.3417 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 41.0453, 0.3717, 0.3417 by changing the saturation by 10% instead.


 41.0453, 0.3717,
0.3417


 41.0453, 0.3717,
0.3417


350.5099, 0.3413,
0.3359

 28.3545, 0.3796,
0.3430


 76.7527, 0.3604,
0.3397

 18.5930, 0.3898,
0.3444


 100.5380, 0.3563,
0.3389

 11.3766, 0.4037,
0.3462


128.7903, 0.3528,
0.3383

 6.3207, 0.4236,
0.3481

161.8939, 0.3498,
0.3377

 3.0411, 0.4541,
0.3497

200.2333, 0.3472,
0.3371

 1.1532, 0.5243,
0.3614

244.1928, 0.3450,

 0.0230, 0.9503,

0.3367

0.0497

294.1569, 0.3430,
0.3363

0.0000, 0.0000,
0.0000

41.0453, 0.3717,
0.3417

41.0453, 0.3717,
0.3417

34.7850, 0.4011,
0.3463

48.2841, 0.3472,
0.3370

29.4556, 0.4358,
0.3506

56.5349, 0.3271,
0.3326

25.0138, 0.4753,
0.3538

65.8369, 0.3105,
0.3284

21.4110, 0.5179,
0.3552

76.2253, 0.2969,
0.3246

18.5936, 0.5598,
0.3541

87.7338, 0.2856,
0.3211

■ 16.5016, 0.5957,
0.3498

■ 92.4377, 0.2860,
0.3289

■ 15.0629, 0.6213,
0.3432

■ 14.9022, 0.6244,
0.3424

Harmonies

Analogous

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



41.0453, 0.3544, 0.3162



41.0453, 0.3717, 0.3417



41.0453, 0.3721, 0.3655

Triad

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



41.0453, 0.3717, 0.3417



41.0453, 0.2978, 0.3676



41.0453, 0.2697, 0.2789

Complementary

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



41.0453, 0.3717, 0.3417



52.4293, 0.2702, 0.3158

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.



41.0453, 0.2564, 0.2894



41.0453, 0.3717, 0.3417



41.0453, 0.2719, 0.3406

Square

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



41.0453, 0.3717, 0.3417



41.0453, 0.3286, 0.3827



41.0453, 0.2571, 0.3116



41.0453, 0.2947, 0.2810

Rectangle

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



41.0453, 0.3717, 0.3417



41.0453, 0.3630, 0.3773



41.0453, 0.2571, 0.3116



41.0453, 0.2638, 0.2810

Sweetspot

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



41.0472, 0.3717, 0.3417



87.0109, 0.3281, 0.3328



39.6823, 0.3251, 0.2693



18.2018, 0.3308, 0.3335



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.



41.0472, 0.3717, 0.3417



57.8703, 0.3882, 0.3444



52.7204, 0.3617, 0.3777



12.1225, 0.3286, 0.3329



9.1925, 0.6224, 0.3440



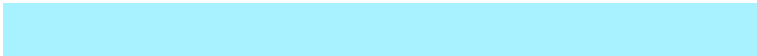
0.6151, 0.5897, 0.3700

Inverse Universe

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



52.4293, 0.2702, 0.3158



78.2109, 0.2623, 0.3128



39.8849, 0.2659, 0.2749



13.0572, 0.2983, 0.3250



21.6567, 0.2098, 0.2753



1.3022, 0.2128, 0.2862

Previews

White Background



This preview shows how the Yxy color 41.0453, 0.3717, 0.3417 looks on a white background.

Color Contrast Check

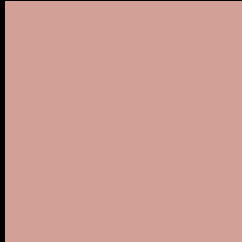
Large Text (above 18pt) WCAG AA × Fail

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 41.0453, 0.3717, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

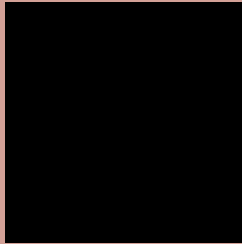
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0453, 0.3717, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 41.0453, 0.3717, 0.3417.



This preview shows how white text looks on a background with the Yxy color 41.0453, 0.3717, 0.3417.

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

41.0453, 0.3717, 0.3417

Protanopia

41.1098, 0.3330, 0.3496

Deuteranopia

41.3127, 0.3579, 0.3513



Tritanopia

40.9756, 0.3557, 0.3144

Trichromacy



Original Color

41.0453, 0.3717, 0.3417

Protanomaly

40.9177, 0.3461, 0.3464

Deuteranomaly

41.2774, 0.3635, 0.3484

Tritanomaly

40.9112, 0.3614, 0.3242

Monochromacy



Original Color

41.0453, 0.3717, 0.3417

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6573, 0.3329, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0453, 0.3717, 0.3417 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(210, 160, 150)` looks like.

```
.text, #text, p{  
    color:rgb(210, 160, 150)  
}
```

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(210, 160, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 160, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.0453, 0.3717, 0.3417 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(210, 160, 150) }
```

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

```
.border{ border-color:rgb(210, 160, 150) }
```

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

Here you see how a box with a 4 pixel rgb(210, 160, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 160, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 160, 150);  
box-shadow:4px 4px 4px 4px rgb(210, 160,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0453, 0.3717, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 160, 150) }
```

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

```
.background{ background-color: rgb(210,  
160, 150) }
```

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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