

Converting Colors

$Yxy(40.1538, 0.3807, 0.3445)$

Have a look what the booklet for
Yxy(40.1538, 0.3807, 0.3445)
contains.

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Color

Yxy(40.1553, 0.3798, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	D49D91
RGB	212, 157, 145
RGB Percent	83%, 62%, 57%
CMY	0.1688, 0.3842, 0.4314
CMYK	0.00, 0.26, 0.32, 0.17
HSL	11°, 44%, 70%
HSV	11°, 32%, 83%
XYZ	44.3085, 40.1553, 32.1989
YIQ	172.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

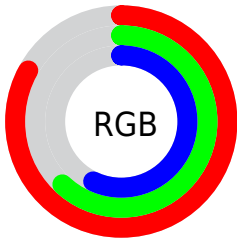
Format	Color
R_{YB}	212, 160, 145
Decimal	13933969
CIE Lab	69.58, 18.81, 14.30
CIE LCh	70, 23.633, 37.250
Yxy	40.1553, 0.3798, 0.3442
Android (android.graphics.Color)	4292124049 (0xFFD49D91)
YUV	172.0770, -13.3490, 35.0125
Hunter-Lab	63.3682, 13.9169, 14.2311

Details

The Yxy color **40.1553, 0.3798, 0.3442** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0398, 0.2659, 0.3131**, and the grayscale version is **41.3505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4705, 0.3548, 0.3424**, and **17.9973, 0.4003, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **34.0917, 0.4105, 0.3491**, and if you desaturate by 10%, it is **47.1818, 0.3541, 0.3392**.

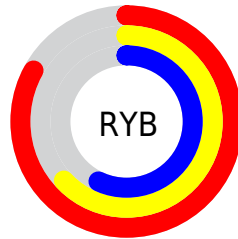
Distribution



Red (83%)

Green (62%)

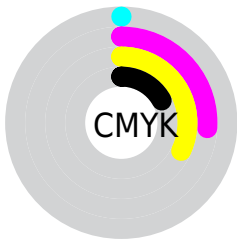
Blue (57%)



Red (83%)

Yellow (63%)

Blue (57%)

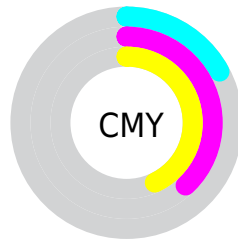


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1553, 0.3798, 0.3442 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 40.1553, 0.3798, 0.3442 by changing the saturation by 10% instead.


 40.1553, 0.3798,
0.3442


 40.1553, 0.3798,
0.3442


346.7777, 0.3451,
0.3373

 27.6597, 0.3888,
0.3457


 75.3999, 0.3669,
0.3419

 18.0693, 0.4006,
0.3474


 98.9177, 0.3622,
0.3409

 10.9997, 0.4165,
0.3493


126.8783, 0.3582,
0.3401

 6.0667, 0.4393,
0.3513

159.6662, 0.3548,
0.3394

 2.8857, 0.4743,
0.3526

197.6656, 0.3519,
0.3388

 1.0723, 0.5713,
0.3747

241.2611, 0.3493,

 0.0000, 1.0000,

0.3382

0.0000

290.8370, 0.3471,
0.3377

0.0000, 0.0000,
0.0000

40.1553, 0.3798,
0.3442

40.1553, 0.3798,
0.3442

34.0917, 0.4105,
0.3491

47.1818, 0.3541,
0.3392

28.9434, 0.4464,
0.3535

55.2048, 0.3328,
0.3343

24.6671, 0.4867,
0.3565

64.2634, 0.3152,
0.3297

21.2138, 0.5291,
0.3574

74.3929, 0.3007,
0.3255

18.5295, 0.5694,
0.3552

85.6267, 0.2888,
0.3216

■ 16.5535, 0.6024,
0.3498

■ 92.7301, 0.2871,
0.3289

■ 15.3827, 0.6224,
0.3440

Harmonies

Analogous

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



40.1553, 0.3610, 0.3157



40.1553, 0.3798, 0.3442



40.1553, 0.3793, 0.3708

Triad

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



40.1553, 0.3798, 0.3442



40.1553, 0.2943, 0.3717



40.1553, 0.2654, 0.2726

Complementary

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



40.1553, 0.3798, 0.3442



52.0398, 0.2659, 0.3131

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.



40.1553, 0.2499, 0.2835



40.1553, 0.3798, 0.3442



40.1553, 0.2658, 0.3405

Square

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



40.1553, 0.3798, 0.3442



40.1553, 0.3288, 0.3895



40.1553, 0.2500, 0.3077



40.1553, 0.2938, 0.2758

Rectangle

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



40.1553, 0.3798, 0.3442



40.1553, 0.3683, 0.3839



40.1553, 0.2500, 0.3077



40.1553, 0.2586, 0.2746

Sweetspot

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



40.1572, 0.3798, 0.3442



87.1810, 0.3281, 0.3331



38.4451, 0.3267, 0.2629



18.2434, 0.3308, 0.3338



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.



40.1572, 0.3798, 0.3442



54.5941, 0.4002, 0.3476



52.7020, 0.3677, 0.3831



12.7782, 0.3287, 0.3333



9.6060, 0.6204, 0.3456



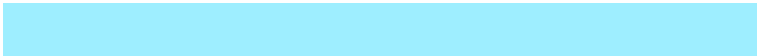
0.6903, 0.5886, 0.3709

Inverse Universe

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



52.0398, 0.2659, 0.3131



75.4051, 0.2568, 0.3092



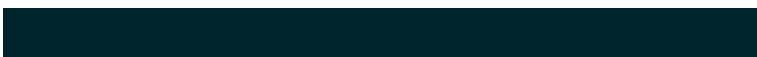
38.5215, 0.2605, 0.2681



13.7105, 0.2983, 0.3247



21.7314, 0.2086, 0.2709



1.4121, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 40.1553, 0.3798, 0.3442 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 40.1553, 0.3798, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

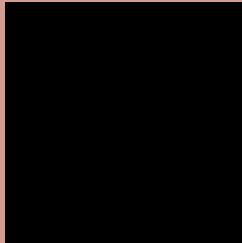
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1553, 0.3798, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 40.1553, 0.3798, 0.3442.



This preview shows how white text looks on a background with the Yxy color 40.1553, 0.3798, 0.3442.

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

40.1553, 0.3798, 0.3442

Protanopia

40.4488, 0.3366, 0.3553

Deuteranopia

40.3003, 0.3623, 0.3555



Tritanopia

40.1605, 0.3615, 0.3144

Trichromacy



Original Color

40.1553, 0.3798, 0.3442

Protanomaly

40.0273, 0.3513, 0.3505

Deuteranomaly

40.0599, 0.3693, 0.3511

Tritanomaly

40.0574, 0.3683, 0.3255

Monochromacy



Original Color

40.1553, 0.3798, 0.3442

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8109, 0.3359, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1553, 0.3798, 0.3442 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, 157, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 145)  
}
```

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, 157, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 145) }
```

Border

The CSS property to change the border of an element to Yxy 40.1553, 0.3798, 0.3442 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, 157, 145) }
```

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

```
.border{ border-color:rgb(212, 157, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 157, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1553, 0.3798, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 145) }
```

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

```
.background{ background-color: rgb(212,  
157, 145) }
```

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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