

Converting Colors

$Yxy(40.8480, 0.3563, 0.3488)$

Have a look what the booklet for
Yxy(40.8480, 0.3563, 0.3488)
contains.

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Color

Yxy(40.8480, 0.3563, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	C4A596
RGB	196, 165, 150
RGB Percent	77%, 65%, 59%
CMY	0.2313, 0.3529, 0.4118
CMYK	0.00, 0.16, 0.23, 0.23
HSL	20°, 28%, 68%
HSV	20°, 23%, 77%
XYZ	41.7263, 40.8480, 34.5358
YIQ	172.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

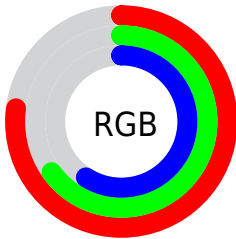
Format	Color
R_{YB}	196, 172, 150
Decimal	12887446
CIE Lab	70.07, 9.02, 12.00
CIE LCh	70, 15.012, 53.067
Yxy	40.8480, 0.3563, 0.3488
Android (android.graphics.Color)	4291077526 (0xFFC4A596)
YUV	172.5590, -11.1216, 20.5578
Hunter-Lab	63.9124, 4.6900, 12.7007

Details

The Yxy color $40.8480, 0.3563, 0.3488$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.5172, 0.2768, 0.3083$, and the grayscale version is $41.6029, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4287, 0.3480, 0.3454$, and $18.4619, 0.3705, 0.3542$ is the 20% darker color. If you saturate the color by 10%, you get $35.7491, 0.3805, 0.3578$, and if you desaturate by 10%, it is $46.5483, 0.3357, 0.3400$.

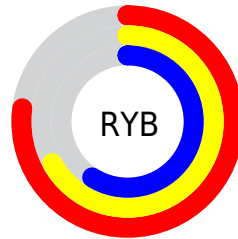
Distribution



Red (77%)

Green (65%)

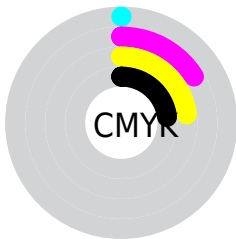
Blue (59%)



Red (77%)

Yellow (67%)

Blue (59%)

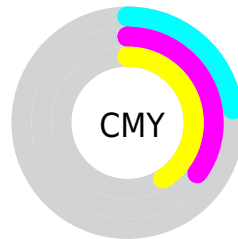


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (23%)



Cyan (23%)


Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8480, 0.3563, 0.3488 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 40.8480, 0.3563, 0.3488 by changing the saturation by 10% instead.

 40.8480, 0.3563,
0.3488


 40.8480, 0.3563,
0.3488


349.6849, 0.3339,
0.3390

 28.2003, 0.3621,
0.3512


 76.4531, 0.3480,
0.3453

 18.4767, 0.3697,
0.3542


 100.1793, 0.3449,
0.3440

 11.2928, 0.3799,
0.3581


128.3672, 0.3424,
0.3428

 6.2641, 0.3946,
0.3634

161.4011, 0.3402,
0.3419

 3.0063, 0.4172,
0.3706

199.6654, 0.3383,
0.3410

 1.1350, 0.4739,
0.3955

243.5446, 0.3366,

 0.0077, 0.9674,

0.3403

0.0326

293.4229, 0.3352,
0.3396

0.0000, 0.0000,
0.0000

40.8480, 0.3563,
0.3488

40.8480, 0.3563,
0.3488

35.7491, 0.3805,
0.3578

46.5483, 0.3357,
0.3400

31.2259, 0.4084,
0.3665

52.8636, 0.3181,
0.3318

27.2591, 0.4401,
0.3743

59.8139, 0.3033,
0.3240

23.8258, 0.4746,
0.3803

67.4167, 0.2908,
0.3169

20.9017, 0.5104,
0.3831

75.6888, 0.2801,
0.3105

■ 18.4601, 0.5446,
0.3816

■ 83.8080, 0.2775,
0.3175

■ 16.4715, 0.5740,
0.3753

■ 90.4771, 0.2784,
0.3289

■ 15.3963, 0.5903,
0.3695

Harmonies

Analogous

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



40.8480, 0.3506, 0.3306



40.8480, 0.3563, 0.3488



40.8480, 0.3498, 0.3627

Triad

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



40.8480, 0.3563, 0.3488



40.8480, 0.2908, 0.3460



40.8480, 0.2915, 0.2925

Complementary

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



40.8480, 0.3563, 0.3488



43.5172, 0.2768, 0.3083

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.



40.8480, 0.2765, 0.2952



40.8480, 0.3563, 0.3488



40.8480, 0.2761, 0.3256

Square

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



40.8480, 0.3563, 0.3488



40.8480, 0.3117, 0.3619



40.8480, 0.2710, 0.3070



40.8480, 0.3126, 0.2989

Rectangle

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



40.8480, 0.3563, 0.3488



40.8480, 0.3397, 0.3673



40.8480, 0.2710, 0.3070



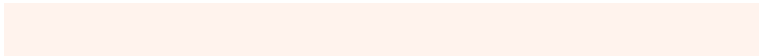
40.8480, 0.2856, 0.2924

Sweetspot

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



40.8499, 0.3563, 0.3488



91.4677, 0.3242, 0.3347



36.9016, 0.3290, 0.2887



19.4262, 0.3252, 0.3352



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.



40.8499, 0.3563, 0.3488



69.2756, 0.3678, 0.3533



49.7232, 0.3500, 0.3770



10.6025, 0.3281, 0.3366



10.0325, 0.5878, 0.3715



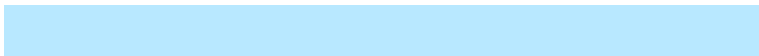
0.5609, 0.5435, 0.4067

Inverse Universe

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



43.5172, 0.2768, 0.3083



74.9119, 0.2692, 0.3033



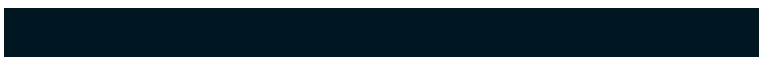
35.0697, 0.2742, 0.2760



10.8567, 0.2984, 0.3213



13.3389, 0.1944, 0.2200



0.6975, 0.2020, 0.2472

Previews

White Background



This preview shows how the Yxy color 40.8480, 0.3563, 0.3488 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 40.8480, 0.3563, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

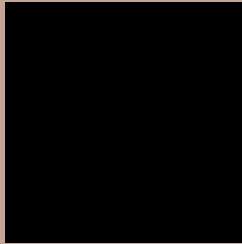
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8480, 0.3563, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 40.8480, 0.3563, 0.3488.



This preview shows how white text looks on a background with the Yxy color 40.8480, 0.3563, 0.3488.

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

40.8480, 0.3563, 0.3488

Protanopia

41.0094, 0.3356, 0.3538

Deuteranopia

40.8480, 0.3563, 0.3488



Tritanopia

40.6878, 0.3374, 0.3125

Trichromacy



Original Color

40.8480, 0.3563, 0.3488

Protanomaly

40.9572, 0.3427, 0.3521

Deuteranomaly

40.8480, 0.3563, 0.3488

Tritanomaly

40.5630, 0.3448, 0.3252

Monochromacy



Original Color

40.8480, 0.3563, 0.3488

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2898, 0.3271, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8480, 0.3563, 0.3488 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(196, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 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(196, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 150) }
```

Border

The CSS property to change the border of an element to Yxy 40.8480, 0.3563, 0.3488 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(196, 165, 150) }
```

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

```
.border{ border-color:rgb(196, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8480, 0.3563, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 150) }
```

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

```
.background{ background-color: rgb(196,  
165, 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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