

Converting Colors

$Y_{xy}(40.7494, 0.3528, 0.3381)$

Have a look what the booklet for
Yxy(40.7494, 0.3528, 0.3381)
contains.

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Color

Yxy(40.6005, 0.3531, 0.3382)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6A39C |
| RGB | 198, 163, 156 |
| RGB Percent | 78%, 64%, 61% |
| CMY | 0.2235, 0.3608, 0.3882 |
| CMYK | 0.00, 0.18, 0.21, 0.22 |
| HSL | 10°, 27%, 69% |
| HSV | 10°, 21%, 78% |
| XYZ | 42.3892, 40.6005, 37.0591 |
| YIQ | 172.6670, 23.1070, 5.2430 |

Conversions

Conversions Part 2

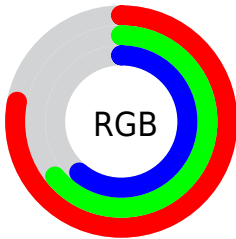
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 164, 156 |
| Decimal | 13018012 |
| CIE _{Lab} | 69.90, 11.77, 8.46 |
| CIE _{LCh} | 70, 14.495, 35.686 |
| Yxy | 40.6005, 0.3531, 0.3382 |
| Android (android.graphics.Color) | 4291208092 (0xFFC6A39C) |
| YUV | 172.6670, -8.2168, 22.2170 |
| Hunter-Lab | 63.7185, 7.2411, 10.1196 |

Details

The Yxy color $40.6005, 0.3531, 0.3382$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $48.4171, 0.2808, 0.3196$, and the grayscale version is $41.6463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0560, 0.3456, 0.3372$, and $18.3181, 0.3661, 0.3398$ is the 20% darker color. If you saturate the color by 10%, you get $34.5014, 0.3787, 0.3429$, and if you desaturate by 10%, it is $47.5777, 0.3320, 0.3337$.

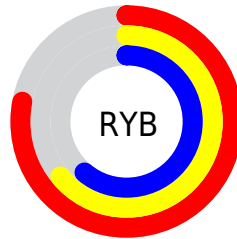
Distribution



Red (78%)

Green (64%)

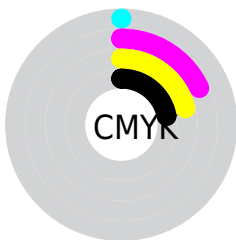
Blue (61%)



Red (78%)

Yellow (64%)

Blue (61%)

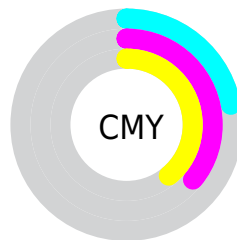


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6005, 0.3531, 0.3382 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 40.6005, 0.3531, 0.3382 by changing the saturation by 10% instead.


 40.6005, 0.3531,
0.3382


 40.6005, 0.3531,
0.3382


348.6481, 0.3323,
0.3338

 28.0071, 0.3585,
0.3392


 76.0771, 0.3454,
0.3367

 18.3310, 0.3656,
0.3405


 99.7290, 0.3425,
0.3361

 11.1879, 0.3752,
0.3421


127.8358, 0.3401,
0.3356

 6.1933, 0.3890,
0.3441

160.7820, 0.3381,
0.3351

 2.9630, 0.4105,
0.3466

198.9520, 0.3364,
0.3347

 1.1124, 0.4546,
0.3540

242.7300, 0.3348,


 0.0000, 1.0000,


0.3344


0.0000

292.5006, 0.3335,
0.3341

 0.0000, 0.0000,
0.0000

 40.6005, 0.3531,
0.3382


 40.6005, 0.3531,
0.3382

 34.5014, 0.3787,
0.3429

 47.5777, 0.3320,
0.3337


 29.2401, 0.4093,
0.3474


 55.4601, 0.3146,
0.3295


 24.7814, 0.4452,
0.3514

 64.2807, 0.3003,
0.3256

 21.0856, 0.4855,
0.3543

 74.0689, 0.2885,
0.3221

 18.1094, 0.5282,
0.3552

 84.8521, 0.2787,
0.3189

■ 15.8051, 0.5691,
0.3533

■ 90.7472, 0.2794,
0.3289

■ 14.1190, 0.6027,
0.3483

■ 13.0924, 0.6240,
0.3428

Harmonies

Analogous

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



40.6005, 0.3413, 0.3202



40.6005, 0.3531, 0.3382



40.6005, 0.3536, 0.3546

Triad

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



40.6005, 0.3531, 0.3382



40.6005, 0.3028, 0.3553



40.6005, 0.2828, 0.2941

Complementary

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



40.6005, 0.3531, 0.3382



48.4171, 0.2808, 0.3196

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.



40.6005, 0.2733, 0.3019



40.6005, 0.3531, 0.3382



40.6005, 0.2846, 0.3373

Square

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



40.6005, 0.3531, 0.3382



40.6005, 0.3241, 0.3655



40.6005, 0.2740, 0.3176



40.6005, 0.3003, 0.2953

Rectangle

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



40.6005, 0.3531, 0.3382



40.6005, 0.3475, 0.3624



40.6005, 0.2740, 0.3176



40.6005, 0.2786, 0.2957

Sweetspot

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



40.6023, 0.3531, 0.3382



91.1845, 0.3227, 0.3315



39.5805, 0.3208, 0.2843



19.3197, 0.3238, 0.3318



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.



40.6023, 0.3531, 0.3382



67.2079, 0.3632, 0.3401



48.4030, 0.3479, 0.3638



10.9174, 0.3285, 0.3329



8.5989, 0.6221, 0.3442



0.4987, 0.5853, 0.3734

Inverse Universe

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



48.4171, 0.2808, 0.3196



83.2652, 0.2748, 0.3175



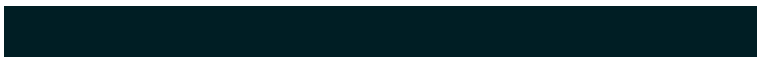
40.1632, 0.2789, 0.2916



11.7554, 0.2984, 0.3251



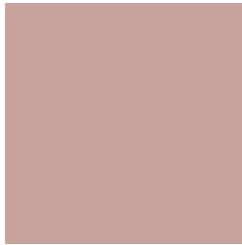
20.2708, 0.2099, 0.2756



1.0419, 0.2133, 0.2879

Previews

White Background



This preview shows how the Yxy color 40.6005, 0.3531, 0.3382 looks on a white background.

Color Contrast Check

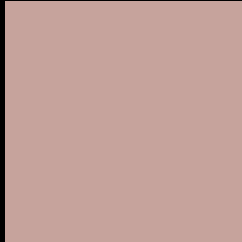
Large Text (above 18pt) WCAG AA × Fail

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 40.6005, 0.3531, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

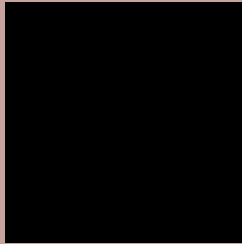
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6005, 0.3531, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 40.6005, 0.3531, 0.3382.



This preview shows how white text looks on a background with the Yxy color 40.6005, 0.3531, 0.3382.

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

40.6005, 0.3531, 0.3382

Protanopia

40.6346, 0.3278, 0.3428

Deuteranopia

40.6480, 0.3477, 0.3410



Tritanopia

40.4381, 0.3395, 0.3125

Trichromacy



Original Color

40.6005, 0.3531, 0.3382

Protanomaly

40.4549, 0.3367, 0.3399

Deuteranomaly

40.5533, 0.3499, 0.3396

Tritanomaly

40.4219, 0.3440, 0.3214

Monochromacy



Original Color

40.6005, 0.3531, 0.3382

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1110, 0.3264, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6005, 0.3531, 0.3382 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(198, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 156)  
}
```

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(198, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.6005, 0.3531, 0.3382 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(198, 163, 156) }
```

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

```
.border{ border-color:rgb(198, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6005, 0.3531, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 156) }
```

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

```
.background{ background-color: rgb(198,  
163, 156) }
```

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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