

Converting Colors

$Yxy(40.9863, 0.4178, 0.3995)$

Have a look what the booklet for
Yxy(40.9863, 0.4178, 0.3995)
contains.

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Color

Yxy(40.9863, 0.4178, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	D5A268
RGB	213, 162, 104
RGB Percent	84%, 64%, 41%
CMY	0.1646, 0.3647, 0.5922
CMYK	0.00, 0.24, 0.51, 0.16
HSL	32°, 56%, 62%
HSV	32°, 51%, 84%
XYZ	42.8638, 40.9863, 18.7439
YIQ	170.6370, 49.0140, -7.2260

Conversions

Conversions Part 2

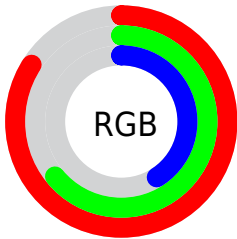
Format	Color
RYB	200, 213, 104
Decimal	14000744
CIELab	70.17, 12.02, 37.30
CIELCh	70, 39.195, 72.134
Yxy	40.9863, 0.4178, 0.3995
Android (android.graphics.Color)	4292190824 (0xFFD5A268)
YUV	170.6370, -32.8520, 37.1524
Hunter-Lab	64.0205, 7.4754, 27.4555

Details

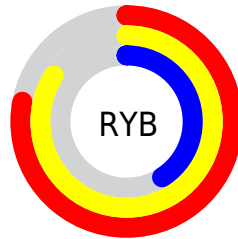
The Yxy color **40.9863, 0.4178, 0.3995** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1931, 0.2299, 0.2436**, and the grayscale version is **40.6835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2860, 0.3850, 0.3916**, and **18.4956, 0.4479, 0.4147** is the 20% darker color. If you saturate the color by 10%, you get **37.2349, 0.4438, 0.4108**, and if you desaturate by 10%, it is **45.1294, 0.3930, 0.3863**.

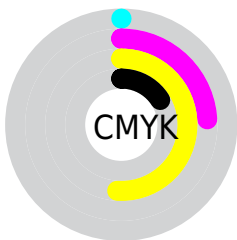
Distribution



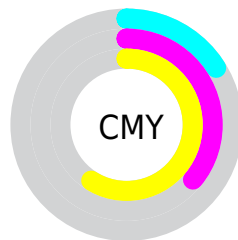
- Red (84%)
- Green (64%)
- Blue (41%)



- Red (78%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9863, 0.4178, 0.3995 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 40.9863, 0.4178, 0.3995 by changing the saturation by 10% instead.


 40.9863, 0.4178,
0.3995


 40.9863, 0.4178,
0.3995


350.2634, 0.3648,
0.3661

 28.3084, 0.4307,
0.4068


 76.6631, 0.3987,
0.3881


 18.5583, 0.4468,
0.4153


 100.4308, 0.3914,
0.3835

 11.3515, 0.4673,
0.4251


 128.6638, 0.3853,
0.3796

 6.3038, 0.4935,
0.4354

 161.7466, 0.3800,
0.3762

 3.0307, 0.5429,
0.4571

200.0636, 0.3755,
0.3732

 1.1478, 0.5629,
0.4371

243.9991, 0.3715,

 0.0184, 0.9441,

0.3706

0.0559

293.9375, 0.3679,
0.3682

0.0000, 0.0000,
0.0000

40.9863, 0.4178,
0.3995

40.9863, 0.4178,
0.3995

37.2349, 0.4438,
0.4108

45.1294, 0.3930,
0.3863

33.8544, 0.4699,
0.4188

49.6721, 0.3700,
0.3721

30.8306, 0.4945,
0.4224

54.6291, 0.3493,
0.3578

28.1450, 0.5162,
0.4207

60.0126, 0.3308,
0.3438

26.0351, 0.5326,
0.4153

65.8342, 0.3145,
0.3305

■ 72.1049, 0.3002,
0.3181

■ 78.8353, 0.2877,
0.3066

■ 84.7222, 0.2871,
0.3152

■ 90.8107, 0.2876,
0.3256

Harmonies

Analogous

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



40.9863, 0.4258, 0.3573



40.9863, 0.4178, 0.3995



40.9863, 0.3808, 0.4285

Triad

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



40.9863, 0.4178, 0.3995



40.9863, 0.2312, 0.3372



40.9863, 0.2897, 0.2483

Complementary

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



40.9863, 0.4178, 0.3995



31.1931, 0.2299, 0.2436

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.



40.9863, 0.2427, 0.2391



40.9863, 0.4178, 0.3995



40.9863, 0.2115, 0.2841

Square

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



40.9863, 0.4178, 0.3995



40.9863, 0.2727, 0.3941



40.9863, 0.2156, 0.2504



40.9863, 0.3478, 0.2746

Rectangle

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



40.9863, 0.4178, 0.3995



40.9863, 0.3461, 0.4331



40.9863, 0.2156, 0.2504



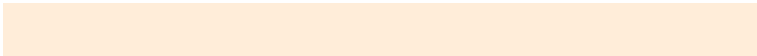
40.9863, 0.2722, 0.2431

Sweetspot

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



40.9883, 0.4178, 0.3995



86.8834, 0.3379, 0.3493



26.4705, 0.3855, 0.2653



18.2280, 0.3418, 0.3523



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.



40.9883, 0.4178, 0.3995



55.7112, 0.4449, 0.4112



62.4781, 0.3855, 0.4526



13.5038, 0.3278, 0.3414



16.1061, 0.5305, 0.4169



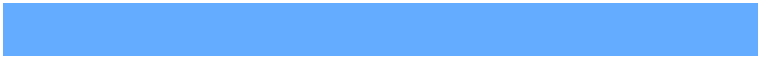
1.1365, 0.5062, 0.4363

Inverse Universe

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



31.1931, 0.2299, 0.2436



39.4948, 0.2140, 0.2222



17.7546, 0.2162, 0.1678



12.9572, 0.2982, 0.3163



8.6646, 0.1745, 0.1482



0.6875, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 40.9863, 0.4178, 0.3995 looks on a white background.

Color Contrast Check

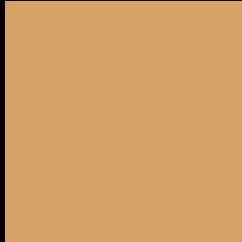
Large Text (above 18pt) WCAG AA × Fail

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 40.9863, 0.4178, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

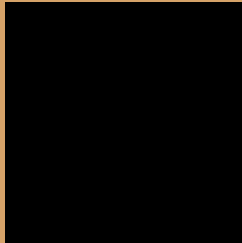
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9863, 0.4178, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 40.9863, 0.4178, 0.3995.



This preview shows how white text looks on a background with the Yxy color 40.9863, 0.4178, 0.3995.

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

40.9863, 0.4178, 0.3995

Protanopia

41.1526, 0.3825, 0.4147

Deuteranopia

40.9603, 0.4115, 0.4034



Tritanopia

40.7698, 0.3654, 0.3147

Trichromacy



Original Color

40.9863, 0.4178, 0.3995

Protanomaly

40.8026, 0.3945, 0.4083

Deuteranomaly

40.8955, 0.4141, 0.4016

Tritanomaly

40.6960, 0.3859, 0.3464

Monochromacy



Original Color

40.9863, 0.4178, 0.3995

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5510, 0.3484, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9863, 0.4178, 0.3995 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(213, 162, 104)` looks like.

```
.text, #text, p{  
    color:rgb(213, 162, 104)  
}
```

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(213, 162, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 162, 104) }
```

Border

The CSS property to change the border of an element to Yxy 40.9863, 0.4178, 0.3995 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(213, 162, 104) }
```

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

```
.border{ border-color:rgb(213, 162, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 162, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 162, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 162, 104);  
box-shadow:4px 4px 4px 4px rgb(213, 162,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9863, 0.4178, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 162, 104) }
```

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

```
.background{ background-color: rgb(213,  
162, 104) }
```

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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