

Converting Colors

Yxy(41.8153, 0.3778, 0.3648)

Have a look what the booklet for
Yxy(41.8153, 0.3778, 0.3648)
contains.

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Color

Yxy(41.6955, 0.3775, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	CDA589
RGB	205, 165, 137
RGB Percent	80%, 65%, 54%
CMY	0.1961, 0.3529, 0.4626
CMYK	0.00, 0.20, 0.33, 0.20
HSL	25°, 40%, 67%
HSV	25°, 33%, 80%
XYZ	43.1471, 41.6955, 29.4543
YIQ	173.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

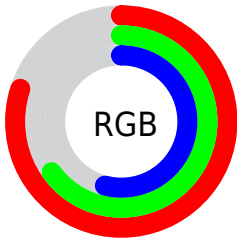
Format	Color
R_{YB}	205, 185, 137
Decimal	13477257
CIE _{Lab}	70.66, 10.74, 20.07
CIE _{LCh}	71, 22.759, 61.849
Yxy	41.6955, 0.3775, 0.3648
Android (android.graphics.Color)	4291667337 (0xFFCDA589)
YUV	173.7680, -18.1266, 27.3905
Hunter-Lab	64.5721, 6.2727, 18.1555

Details

The Yxy color **41.6955, 0.3775, 0.3648** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.1807, 0.2610, 0.2900**, and the grayscale version is **42.2861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1641, 0.3596, 0.3598**, and **18.9824, 0.3977, 0.3737** is the 20% darker color. If you saturate the color by 10%, you get **37.0156, 0.4035, 0.3758**, and if you desaturate by 10%, it is **46.9014, 0.3546, 0.3536**.

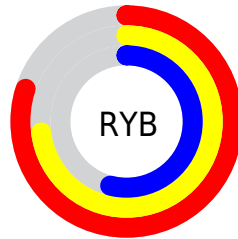
Distribution



Red (80%)

Green (65%)

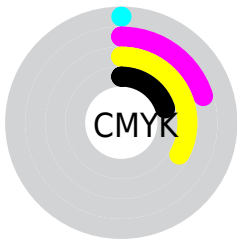
Blue (54%)



Red (80%)

Yellow (73%)

Blue (54%)

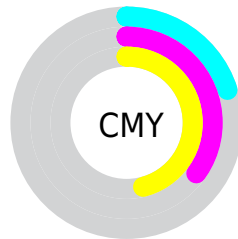


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6955, 0.3775, 0.3648 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 41.6955, 0.3775, 0.3648 by changing the saturation by 10% instead.

 41.6955, 0.3775,
0.3648

 41.6955, 0.3775,
0.3648


353.2191, 0.3443,
0.3474


 28.8629, 0.3860,
0.3689


 77.7386, 0.3653,
0.3586

 18.9772, 0.3969,
0.3741


 101.7179, 0.3608,
0.3562

 11.6538, 0.4116,
0.3806


 130.1815, 0.3569,
0.3542

 6.5084, 0.4321,
0.3889

163.5139, 0.3537,
0.3525

 3.1566, 0.4624,
0.3994

202.0995, 0.3509,
0.3510

 1.2140, 0.5541,
0.4459

246.3226, 0.3484,

 0.0731, 0.8193,

0.3496

0.1807

296.5677, 0.3462,
0.3484

0.0000, 0.0000,
0.0000

41.6955, 0.3775,
0.3648

41.6955, 0.3775,
0.3648

37.0156, 0.4035,
0.3758

46.9014, 0.3546,
0.3536

32.8383, 0.4323,
0.3858

52.6442, 0.3347,
0.3426

29.1468, 0.4633,
0.3938

58.9418, 0.3176,
0.3321


25.9208, 0.4950,
0.3985

65.8092, 0.3029,
0.3224


23.1383, 0.5253,
0.3986


73.2612, 0.2902,
0.3134

 20.7748, 0.5518,
0.3934

 80.9833, 0.2821,
0.3103

 19.3766, 0.5675,
0.3876

 88.2190, 0.2829,
0.3231

 91.7176, 0.2832,
0.3289

Harmonies

Analogous

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



41.6955, 0.3745, 0.3387



41.6955, 0.3775, 0.3648



41.6955, 0.3623, 0.3834

Triad

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



41.6955, 0.3775, 0.3648



41.6955, 0.2722, 0.3458



41.6955, 0.2892, 0.2767

Complementary

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



41.6955, 0.3775, 0.3648



41.1807, 0.2610, 0.2900

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.



41.6955, 0.2640, 0.2761



41.6955, 0.3775, 0.3648



41.6955, 0.2546, 0.3141

Square

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



41.6955, 0.3775, 0.3648



41.6955, 0.3010, 0.3737



41.6955, 0.2517, 0.2890



41.6955, 0.3221, 0.2896

Rectangle

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



41.6955, 0.3775, 0.3648



41.6955, 0.3444, 0.3881



41.6955, 0.2517, 0.2890



41.6955, 0.2796, 0.2751

Sweetspot

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



41.6974, 0.3775, 0.3648



89.2629, 0.3293, 0.3394



34.0861, 0.3437, 0.2780



18.7992, 0.3318, 0.3409



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.



41.6974, 0.3775, 0.3648



62.5830, 0.3963, 0.3730



55.2616, 0.3647, 0.4036



11.9594, 0.3280, 0.3386



12.2414, 0.5650, 0.3896



0.7799, 0.5299, 0.4174

Inverse Universe

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



41.1807, 0.2610, 0.2900



61.5888, 0.2497, 0.2797



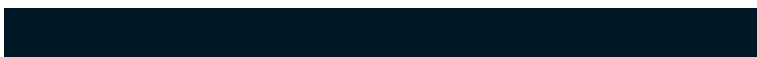
29.6245, 0.2549, 0.2414



11.9226, 0.2983, 0.3192



11.3909, 0.1860, 0.1894



0.7349, 0.1943, 0.2195

Previews

White Background



This preview shows how the Yxy color 41.6955, 0.3775, 0.3648 looks on a white background.

Color Contrast Check

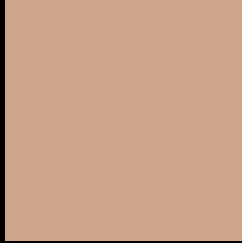
Large Text (above 18pt) WCAG AA × Fail

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 41.6955, 0.3775, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

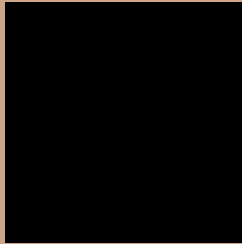
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6955, 0.3775, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 41.6955, 0.3775, 0.3648.



This preview shows how white text looks on a background with the Yxy color 41.6955, 0.3775, 0.3648.

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

41.6955, 0.3775, 0.3648

Protanopia

41.8775, 0.3496, 0.3727

Deuteranopia

41.6351, 0.3742, 0.3665



Tritanopia

41.6755, 0.3492, 0.3142

Trichromacy



Original Color

41.6955, 0.3775, 0.3648

Protanomaly

41.7193, 0.3591, 0.3691

Deuteranomaly

41.7751, 0.3752, 0.3663

Tritanomaly

41.7538, 0.3603, 0.3329

Monochromacy



Original Color

41.6955, 0.3775, 0.3648

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0133, 0.3342, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6955, 0.3775, 0.3648 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(205, 165, 137)` looks like.

```
.text, #text, p{  
    color:rgb(205, 165, 137)  
}
```

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(205, 165, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 165, 137) }
```

Border

The CSS property to change the border of an element to Yxy 41.6955, 0.3775, 0.3648 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(205, 165, 137) }
```

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

```
.border{ border-color:rgb(205, 165, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 165, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 165, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 165, 137);  
box-shadow:4px 4px 4px 4px rgb(205, 165,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6955, 0.3775, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 165, 137) }
```

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

```
.background{ background-color: rgb(205,  
165, 137) }
```

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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