

Converting Colors

$Yxy(50.7084, 0.3993, 0.4007)$

Have a look what the booklet for
Yxy(50.7084, 0.3993, 0.4007)
contains.

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Color

Yxy(50.7770, 0.3992, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	DEB779
RGB	222, 183, 121
RGB Percent	87%, 72%, 47%
CMY	0.1296, 0.2823, 0.5255
CMYK	0.00, 0.18, 0.45, 0.13
HSL	37°, 60%, 67%
HSV	37°, 45%, 87%
XYZ	50.4987, 50.7770, 25.2241
YIQ	187.5930, 43.1460, -11.0140

Conversions

Conversions Part 2

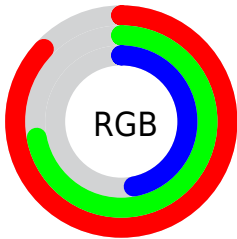
Format	Color
R _Y B	185, 222, 121
Decimal	14595961
CIE Lab	76.54, 6.07, 36.73
CIE LCh	77, 37.223, 80.616
Yxy	50.7770, 0.3992, 0.4014
Android (android.graphics.Color)	4292786041 (0xFFDEB779)
YUV	187.5930, -32.8303, 30.1749
Hunter-Lab	71.2580, 1.7969, 28.8930

Details

The Yxy color **50.7770, 0.3992, 0.4014** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.4509, 0.2367, 0.2426**, and the grayscale version is **50.2166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0490, 0.3654, 0.3943**, and **24.4195, 0.4216, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **46.8713, 0.4220, 0.4157**, and if you desaturate by 10%, it is **55.0275, 0.3773, 0.3856**.

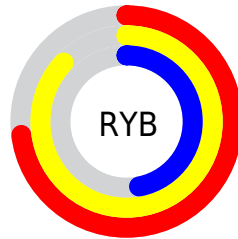
Distribution



Red (87%)

Green (72%)

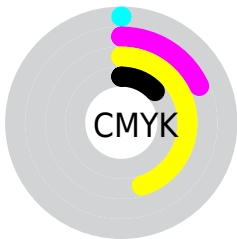
Blue (47%)



Red (73%)

Yellow (87%)

Blue (47%)

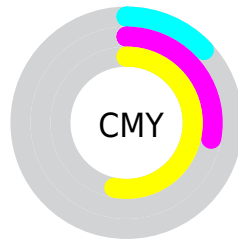


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (28%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7770, 0.3992, 0.4014 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 50.7770, 0.3992, 0.4014 by changing the saturation by 10% instead.


 50.7770, 0.3992,
0.4014


 50.7770, 0.3992,
0.4014


389.6968, 0.3572,
0.3672


 36.0312, 0.4090,
0.4091


 91.3251, 0.3844,
0.3896

 24.4583, 0.4212,
0.4183


 117.8961, 0.3787,
0.3850

 15.6739, 0.4364,
0.4295


 149.1776, 0.3738,
0.3810

 9.2937, 0.4557,
0.4429

185.5540, 0.3696,
0.3775

 4.9332, 0.4816,
0.4595

227.4098, 0.3659,
0.3745

 2.2081, 0.5191,
0.4809

275.1292, 0.3626,

 0.7244, 0.5360,

0.3718

0.4640

329.0967, 0.3597,
0.3694

0.0000, 0.0000,
0.0000

50.7770, 0.3992,
0.4014

50.7770, 0.3992,
0.4014

46.8713, 0.4220,
0.4157

55.0275, 0.3773,
0.3856

43.2908, 0.4449,
0.4275

59.6271, 0.3568,
0.3692

40.0241, 0.4667,
0.4354


64.5892, 0.3381,
0.3529

37.0557, 0.4862,
0.4385


69.9239, 0.3212,
0.3373

34.3675, 0.5024,
0.4362


75.6409, 0.3061,
0.3224

 33.2350, 0.5090,
0.4341

 81.7496, 0.2928,
0.3086

 86.8058, 0.2925,
0.3167

 92.0470, 0.2928,
0.3254

 94.2630, 0.2929,
0.3289

Harmonies

Analogous

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



50.7770, 0.4139, 0.3664



50.7770, 0.3992, 0.4014



50.7770, 0.3613, 0.4202

Triad

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



50.7770, 0.3992, 0.4014



50.7770, 0.2329, 0.3223



50.7770, 0.3067, 0.2619

Complementary

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



50.7770, 0.3992, 0.4014



34.4509, 0.2367, 0.2426

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.



50.7770, 0.2607, 0.2490



50.7770, 0.3992, 0.4014



50.7770, 0.2210, 0.2792

Square

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



50.7770, 0.3992, 0.4014



50.7770, 0.2654, 0.3730



50.7770, 0.2307, 0.2541



50.7770, 0.3582, 0.2894

Rectangle

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



50.7770, 0.3992, 0.4014



50.7770, 0.3289, 0.4177



50.7770, 0.2307, 0.2541



50.7770, 0.2901, 0.2557

Sweetspot

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



50.7794, 0.3992, 0.4014



89.4392, 0.3356, 0.3507



31.7813, 0.3844, 0.2814



18.8149, 0.3395, 0.3542



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.



50.7794, 0.3992, 0.4014



64.2268, 0.4219, 0.4157



67.5769, 0.3719, 0.4434



15.0955, 0.3277, 0.3434



19.9707, 0.5073, 0.4354



1.5562, 0.4901, 0.4490

Inverse Universe

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



34.4509, 0.2367, 0.2426



39.1616, 0.2199, 0.2194



23.7756, 0.2346, 0.1898



14.1056, 0.2981, 0.3142



7.2486, 0.1674, 0.1227



0.6722, 0.1760, 0.1536

Previews

White Background



This preview shows how the Yxy color 50.7770, 0.3992, 0.4014 looks on a white background.

Color Contrast Check

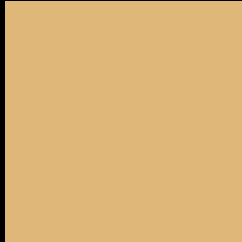
Large Text (above 18pt) WCAG AA × Fail

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 50.7770, 0.3992, 0.4014 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 50.7770, 0.3992, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 50.7770, 0.3992, 0.4014.



This preview shows how white text looks on a background with the Yxy color 50.7770, 0.3992, 0.4014.

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

50.7770, 0.3992, 0.4014

Protanopia

50.8044, 0.3792, 0.4103

Deuteranopia

50.9222, 0.4058, 0.3976



Tritanopia

50.7848, 0.3490, 0.3143

Trichromacy



Original Color

50.7770, 0.3992, 0.4014

Protanomaly

50.7947, 0.3863, 0.4076

Deuteranomaly

51.0051, 0.4034, 0.3992

Tritanomaly

50.6899, 0.3679, 0.3454

Monochromacy



Original Color

50.7770, 0.3992, 0.4014

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0775, 0.3424, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7770, 0.3992, 0.4014 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(222, 183, 121)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 121)  
}
```

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(222, 183, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 121) }
```

Border

The CSS property to change the border of an element to Yxy 50.7770, 0.3992, 0.4014 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(222, 183, 121) }
```

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

```
.border{ border-color:rgb(222, 183, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 183, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 183, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 183, 121); box-shadow:4px 4px 4px 4px rgb(222, 183, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7770, 0.3992, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 121) }
```

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

```
.background{ background-color: rgb(222,  
183, 121) }
```

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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