

Converting Colors

Yxy(37.6808, 0.3799, 0.3581)

Have a look what the booklet for
Yxy(37.6808, 0.3799, 0.3581)
contains.

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Color

Yxy(37.7775, 0.3792, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	C89C86
RGB	200, 156, 134
RGB Percent	78%, 61%, 53%
CMY	0.2156, 0.3882, 0.4746
CMYK	0.00, 0.22, 0.33, 0.22
HSL	20°, 38%, 65%
HSV	20°, 33%, 78%
XYZ	40.0146, 37.7775, 27.7316
YIQ	166.6480, 33.2860, 2.4860

Conversions

Conversions Part 2

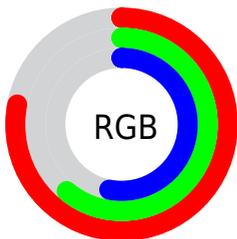
Format	Color
R _{YB}	200, 167, 134
Decimal	13147270
CIE _{Lab}	67.86, 13.29, 17.80
CIE _{LCh}	68, 22.218, 53.260
Yxy	37.7775, 0.3792, 0.3580
Android (android.graphics.Color)	4291337350 (0xFFC89C86)
YUV	166.6480, -16.0955, 29.2497
Hunter-Lab	61.4634, 8.6481, 16.2734

Details

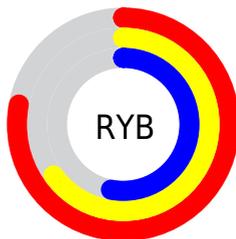
The Yxy color **37.7775, 0.3792, 0.3580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0841, 0.2623, 0.2978**, and the grayscale version is **38.5322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4364, 0.3641, 0.3539**, and **16.7630, 0.4006, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **33.0405, 0.4069, 0.3670**, and if you desaturate by 10%, it is **43.1150, 0.3552, 0.3488**.

Distribution



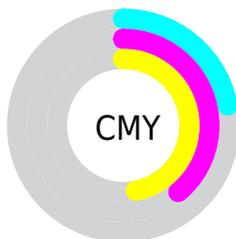
- Red (78%)
- Green (61%)
- Blue (53%)



- Red (78%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.7775, 0.3792, 0.3580 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 37.7775, 0.3792, 0.3580 by changing the saturation by 10% instead.

 37.7775, 0.3792,
0.3580

 37.7775, 0.3792,
0.3580

336.6645, 0.3445,
0.3439

 25.8100, 0.3883,
0.3613

 71.7670, 0.3663,
0.3530

 16.6816, 0.4001,
0.3655

 94.5578, 0.3615,
0.3511

 10.0077, 0.4163,
0.3706

 121.7252, 0.3576,
0.3494

 5.4041, 0.4394,
0.3771

153.6535, 0.3542,
0.3480

 2.4862, 0.4749,
0.3847

190.7272, 0.3513,
0.3468

 0.8697, 0.5779,
0.4221

233.3307, 0.3487,

 0.0000, 1.0000,

0.3457

0.0000

281.8484, 0.3465,
0.3447

 0.0000, 0.0000,
0.0000

 37.7775, 0.3792,
0.3580

 37.7775, 0.3792,
0.3580

 33.0405, 0.4069,
0.3670

 43.1150, 0.3552,
0.3488

 28.8769, 0.4382,
0.3750

 49.0682, 0.3348,
0.3399

 25.2653, 0.4724,
0.3812

 55.6584, 0.3174,
0.3314

 22.1808, 0.5078,
0.3843

 62.9044, 0.3027,
0.3236

 19.5960, 0.5419,
0.3832

 70.8240, 0.2902,
0.3163

 17.4809, 0.5713,
0.3771

 79.4343, 0.2796,
0.3097

 16.2576, 0.5887,
0.3708

 87.4669, 0.2801,
0.3230

 91.0225, 0.2805,
0.3289

Harmonies

Analogous

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



37.7775, 0.3707, 0.3308



37.7775, 0.3792, 0.3580



37.7775, 0.3688, 0.3797

Triad

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



37.7775, 0.3792, 0.3580



37.7775, 0.2792, 0.3549



37.7775, 0.2806, 0.2748

Complementary

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



37.7775, 0.3792, 0.3580



41.0841, 0.2623, 0.2978

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.



37.7775, 0.2585, 0.2780



37.7775, 0.3792, 0.3580



37.7775, 0.2577, 0.3228

Square

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



37.7775, 0.3792, 0.3580



37.7775, 0.3103, 0.3799



37.7775, 0.2504, 0.2948



37.7775, 0.3123, 0.2845

Rectangle

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



37.7775, 0.3792, 0.3580



37.7775, 0.3530, 0.3875



37.7775, 0.2504, 0.2948



37.7775, 0.2719, 0.2743

Sweetspot

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



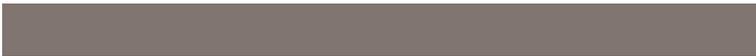
37.7793, 0.3792, 0.3580



88.0938, 0.3295, 0.3374



32.5881, 0.3376, 0.2717



18.5173, 0.3321, 0.3386



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.



37.7793, 0.3792, 0.3580



59.0995, 0.3998, 0.3648



49.9339, 0.3664, 0.3970



11.2049, 0.3281, 0.3368



10.4830, 0.5862, 0.3728



0.6302, 0.5451, 0.4054

Inverse Universe

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



41.0841, 0.2623, 0.2978



65.7065, 0.2513, 0.2894



29.8249, 0.2563, 0.2503



11.4488, 0.2984, 0.3211



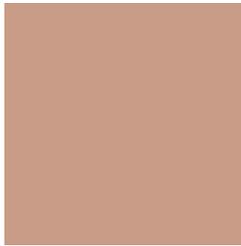
13.5470, 0.1937, 0.2173



0.7706, 0.2009, 0.2433

Previews

White Background



This preview shows how the Yxy color 37.7775, 0.3792, 0.3580 looks on a white background.

Color Contrast Check

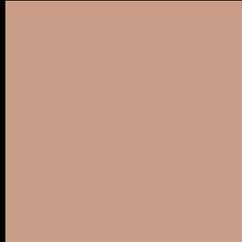
Large Text (above 18pt) WCAG AA × Fail

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 37.7775, 0.3792, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

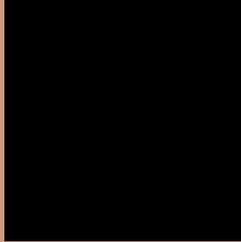
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

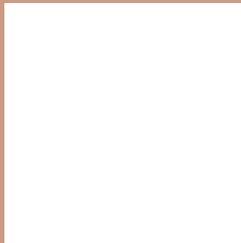
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.7775, 0.3792, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 37.7775, 0.3792, 0.3580.



This preview shows how white text looks on a background with the Yxy color 37.7775, 0.3792, 0.3580.

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

37.7775, 0.3792, 0.3580

Protanopia

37.8592, 0.3466, 0.3674

Deuteranopia

37.8272, 0.3717, 0.3640



Tritanopia

37.7973, 0.3540, 0.3150

Trichromacy



Original Color

37.7775, 0.3792, 0.3580

Protanomaly

37.8372, 0.3575, 0.3636

Deuteranomaly

37.8829, 0.3752, 0.3624

Tritanomaly

37.6060, 0.3639, 0.3304

Monochromacy



Original Color

37.7775, 0.3792, 0.3580

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1446, 0.3353, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7775, 0.3792, 0.3580 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(200, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(200, 156, 134)  
}
```

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(200, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 156, 134) }
```

Border

The CSS property to change the border of an element to Yxy 37.7775, 0.3792, 0.3580 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(200, 156, 134) }
```

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

```
.border{ border-color:rgb(200, 156, 134) }
```

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

Here you see how a box with a 4 pixel rgb(200, 156, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 156,  
134) }
```

Background

The CSS property to change the background color of an element to Yxy 37.7775, 0.3792, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 156, 134) }
```

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

```
.background{ background-color: rgb(200,  
156, 134) }
```

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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