

Converting Colors

$Yxy(30.6876, 0.3894, 0.3464)$

Have a look what the booklet for
Yxy(30.6876, 0.3894, 0.3464)
contains.

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Color

Yxy(30.5785, 0.3887, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	C0897D
RGB	192, 137, 125
RGB Percent	75%, 54%, 49%
CMY	0.2471, 0.4627, 0.5098
CMYK	0.00, 0.29, 0.35, 0.25
HSL	11°, 35%, 62%
HSV	11°, 35%, 75%
XYZ	34.3820, 30.5785, 23.4933
YIQ	152.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

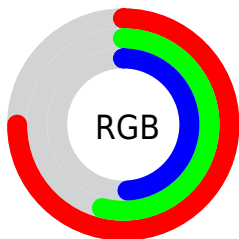
Format	Color
R_{YB}	192, 140, 125
Decimal	12618109
CIE _{Lab}	62.15, 19.41, 14.78
CIE _{LCh}	62, 24.397, 37.302
Yxy	30.5785, 0.3887, 0.3457
Android (android.graphics.Color)	4290808189 (0xFFC0897D)
YUV	152.0770, -13.3490, 35.0125
Hunter-Lab	55.2978, 14.2131, 13.5191

Details

The Yxy color **30.5785, 0.3887, 0.3457** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7960, 0.2617, 0.3114**, and the grayscale version is **31.4819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7999, 0.3728, 0.3430**, and **12.6566, 0.4155, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **25.9781, 0.4208, 0.3505**, and if you desaturate by 10%, it is **35.9308, 0.3616, 0.3407**.

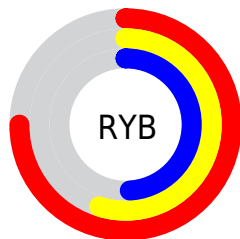
Distribution



Red (75%)

Green (54%)

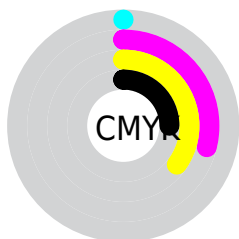
Blue (49%)



Red (75%)

Yellow (55%)

Blue (49%)

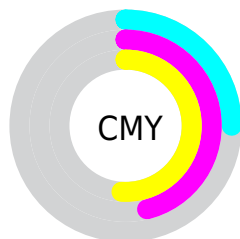


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (25%)



Cyan (25%)

Magenta (46%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5785, 0.3887, 0.3457 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 30.5785, 0.3887, 0.3457 by changing the saturation by 10% instead.


 30.5785, 0.3887,
0.3457


 30.5785, 0.3887,
0.3457


304.5917, 0.3477,
0.3379

 20.2781, 0.4000,
0.3474


 60.5758, 0.3730,
0.3431

 12.5974, 0.4152,
0.3492


 81.0416, 0.3674,
0.3420

 7.1519, 0.4365,
0.3512


 105.6646, 0.3627,
0.3411

 3.5573, 0.4684,
0.3527

134.8292, 0.3587,
0.3403

 1.4291, 0.5326,
0.3591

168.9198, 0.3554,
0.3396

 0.2380, 0.7462,
0.2538

208.3208, 0.3524,

 0.0000, 0.0000,

0.3390

0.0000

253.4167, 0.3499,
0.3384

■ 30.5785, 0.3887,
0.3457

■ 30.5785, 0.3887,
0.3457

■ 25.9781, 0.4208,
0.3505

■ 35.9308, 0.3616,
0.3407

■ 22.0915, 0.4579,
0.3545

■ 42.0622, 0.3391,
0.3358

■ 18.8838, 0.4989,
0.3569


■ 49.0039, 0.3206,
0.3311

■ 16.3155, 0.5409,
0.3570


■ 56.7840, 0.3053,
0.3268


■ 14.3426, 0.5795,
0.3540


■ 65.4294, 0.2926,
0.3229

 12.9156, 0.6095,
0.3479

 74.9656, 0.2821,
0.3193

 12.3723, 0.6216,
0.3446

 85.1311, 0.2755,
0.3207

 89.9439, 0.2762,
0.3289

Harmonies

Analogous

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



30.5785, 0.3674, 0.3139



30.5785, 0.3887, 0.3457



30.5785, 0.3879, 0.3757

Triad

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



30.5785, 0.3887, 0.3457



30.5785, 0.2916, 0.3776



30.5785, 0.2595, 0.2657

Complementary

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



30.5785, 0.3887, 0.3457



40.7960, 0.2617, 0.3114

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.



30.5785, 0.2423, 0.2775



30.5785, 0.3887, 0.3457



30.5785, 0.2598, 0.3418

Square

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



30.5785, 0.3887, 0.3457



30.5785, 0.3305, 0.3978



30.5785, 0.2423, 0.3046



30.5785, 0.2913, 0.2694

Rectangle

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



30.5785, 0.3887, 0.3457



30.5785, 0.3753, 0.3908



30.5785, 0.2423, 0.3046



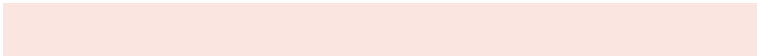
30.5785, 0.2520, 0.2678

Sweetspot

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



30.5800, 0.3887, 0.3457



81.9921, 0.3299, 0.3336



29.2010, 0.3283, 0.2564



17.2121, 0.3326, 0.3342



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5800, 0.3887, 0.3457



48.8139, 0.4133, 0.3495



41.3049, 0.3738, 0.3885



10.3635, 0.3285, 0.3332



8.4100, 0.6198, 0.3461



0.4548, 0.5793, 0.3783

Inverse Universe

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



40.7960, 0.2617, 0.3114



70.1070, 0.2517, 0.3068



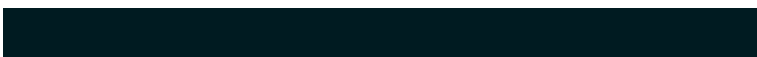
29.1354, 0.2550, 0.2611



11.1113, 0.2984, 0.3248



19.0211, 0.2087, 0.2713



0.9040, 0.2127, 0.2855

Previews

White Background



This preview shows how the Yxy color 30.5785, 0.3887, 0.3457 looks on a white background.

Color Contrast Check

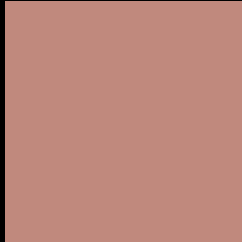
Large Text (above 18pt) WCAG AA × Fail

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 30.5785, 0.3887, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

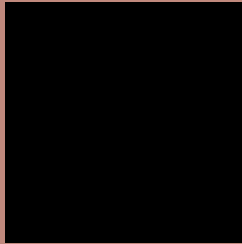
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5785, 0.3887, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 30.5785, 0.3887, 0.3457.



This preview shows how white text looks on a background with the Yxy color 30.5785, 0.3887, 0.3457.

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

30.5785, 0.3887, 0.3457

Protanopia

30.7477, 0.3386, 0.3569

Deuteranopia

30.7047, 0.3661, 0.3601



Tritanopia

30.5331, 0.3702, 0.3156

Trichromacy



Original Color

30.5785, 0.3887, 0.3457

Protanomaly

30.3818, 0.3563, 0.3530

Deuteranomaly

30.6250, 0.3752, 0.3550

Tritanomaly

30.4715, 0.3768, 0.3265

Monochromacy



Original Color

30.5785, 0.3887, 0.3457

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0359, 0.3389, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5785, 0.3887, 0.3457 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(192, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 125)  
}
```

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(192, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 125) }
```

Border

The CSS property to change the border of an element to Yxy 30.5785, 0.3887, 0.3457 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(192, 137, 125) }
```

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

```
.border{ border-color:rgb(192, 137, 125) }
```

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

Here you see how a box with a 4 pixel rgb(192, 137, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 125);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5785, 0.3887, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 125) }
```

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

```
.background{ background-color: rgb(192,  
137, 125) }
```

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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