

Converting Colors

$Y_{xy}(36.1944, 0.3921, 0.3725)$

Have a look what the booklet for
Yxy(36.1944, 0.3921, 0.3725)
contains.

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Color

Yxy(36.1443, 0.3927, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	C69978
RGB	198, 153, 120
RGB Percent	78%, 60%, 47%
CMY	0.2234, 0.4000, 0.5294
CMYK	0.00, 0.23, 0.39, 0.22
HSL	25°, 41%, 62%
HSV	25°, 39%, 78%
XYZ	38.0737, 36.1443, 22.7356
YIQ	162.6930, 37.4130, -0.7230

Conversions

Conversions Part 2

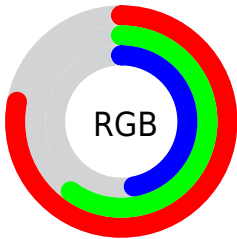
Format	Color
RYB	198, 177, 120
Decimal	13015416
CIELab	66.63, 12.42, 23.81
CIELCh	67, 26.855, 62.461
Yxy	36.1443, 0.3927, 0.3728
Android (android.graphics.Color)	4291205496 (0xFFC69978)
YUV	162.6930, -21.0476, 30.9642
Hunter-Lab	60.1201, 7.8326, 19.6624

Details

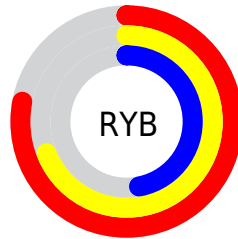
The Yxy color **36.1443, 0.3927, 0.3728** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.9859, 0.2513, 0.2801**, and the grayscale version is **36.5625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9028, 0.3760, 0.3644**, and **15.7085, 0.4173, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **32.1511, 0.4201, 0.3836**, and if you desaturate by 10%, it is **40.5986, 0.3682, 0.3614**.

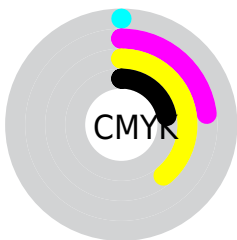
Distribution



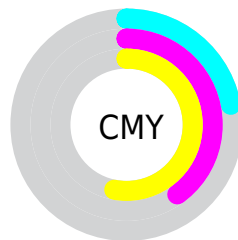
- Red (78%)
- Green (60%)
- Blue (47%)



- Red (78%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1443, 0.3927, 0.3728 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 36.1443, 0.3927, 0.3728 by changing the saturation by 10% instead.


 36.1443, 0.3927,
0.3728


 36.1443, 0.3927,
0.3728


329.5908, 0.3509,
0.3513

 24.5457, 0.4036,
0.3779


 69.2547, 0.3771,
0.3652

 15.7389, 0.4178,
0.3841

 91.5353, 0.3714,
0.3622

 9.3396, 0.4370,
0.3918


 118.1453, 0.3666,
0.3597

 4.9633, 0.4639,
0.4011

149.4692, 0.3625,
0.3576

 2.2258, 0.5152,
0.4206

185.8913, 0.3590,
0.3557

 0.7340, 0.5794,
0.4206

227.7960, 0.3559,

 0.0000, 0.0000,

0.3540

0.0000

275.5677, 0.3532,
0.3526

■ 36.1443, 0.3927,
0.3728

■ 36.1443, 0.3927,
0.3728

■ 32.1511, 0.4201,
0.3836

■ 40.5986, 0.3682,
0.3614

■ 28.5976, 0.4499,
0.3927

■ 45.5240, 0.3466,
0.3499

■ 25.4681, 0.4809,
0.3991


■ 50.9367, 0.3279,
0.3388


■ 22.7440, 0.5114,
0.4014


■ 56.8505, 0.3118,
0.3284

■ 20.4044, 0.5391,
0.3985


■ 63.2787, 0.2979,
0.3187

 18.4207, 0.5625,
0.3909

 70.2339, 0.2860,
0.3098

 18.3125, 0.5639,
0.3905

 77.4940, 0.2777,
0.3053

 84.1733, 0.2786,
0.3177

 90.7486, 0.2795,
0.3289

Harmonies

Analogous

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



36.1443, 0.3898, 0.3408



36.1443, 0.3927, 0.3728



36.1443, 0.3730, 0.3963

Triad

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



36.1443, 0.3927, 0.3728



36.1443, 0.2621, 0.3488



36.1443, 0.2843, 0.2655

Complementary

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



36.1443, 0.3927, 0.3728



34.9859, 0.2513, 0.2801

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.



36.1443, 0.2534, 0.2641



36.1443, 0.3927, 0.3728



36.1443, 0.2413, 0.3092

Square

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



36.1443, 0.3927, 0.3728



36.1443, 0.2970, 0.3845



36.1443, 0.2383, 0.2789



36.1443, 0.3248, 0.2814

Rectangle

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



36.1443, 0.3927, 0.3728



36.1443, 0.3505, 0.4026



36.1443, 0.2383, 0.2789



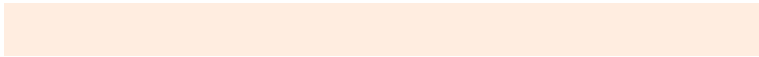
36.1443, 0.2725, 0.2633

Sweetspot

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



36.1460, 0.3927, 0.3728



87.4312, 0.3329, 0.3419



28.1744, 0.3531, 0.2700



18.4381, 0.3353, 0.3433



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.



36.1460, 0.3927, 0.3728



58.0667, 0.4153, 0.3818



50.8526, 0.3740, 0.4187



11.3621, 0.3279, 0.3388



12.0680, 0.5616, 0.3923



0.7142, 0.5248, 0.4215

Inverse Universe

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



34.9859, 0.2513, 0.2801



55.7135, 0.2389, 0.2676



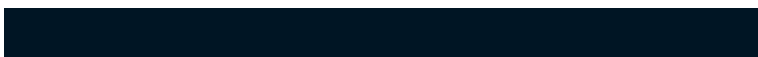
23.1186, 0.2422, 0.2199



11.2867, 0.2983, 0.3190



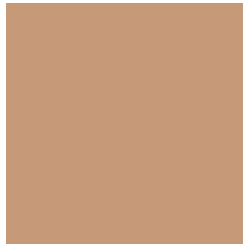
10.6866, 0.1849, 0.1856



0.6473, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 36.1443, 0.3927, 0.3728 looks on a white background.

Color Contrast Check

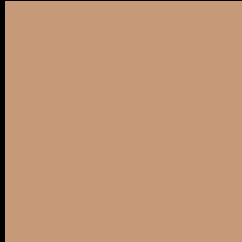
Large Text (above 18pt) WCAG AA × Fail

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 36.1443, 0.3927, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

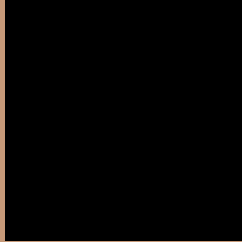
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1443, 0.3927, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 36.1443, 0.3927, 0.3728.



This preview shows how white text looks on a background with the Yxy color 36.1443, 0.3927, 0.3728.

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

36.1443, 0.3927, 0.3728

Protanopia

36.1801, 0.3586, 0.3839

Deuteranopia

36.3153, 0.3858, 0.3791



Tritanopia

36.2396, 0.3581, 0.3149

Trichromacy



Original Color

36.1443, 0.3927, 0.3728

Protanomaly

36.1714, 0.3700, 0.3796

Deuteranomaly

36.2439, 0.3884, 0.3774

Tritanomaly

36.2745, 0.3711, 0.3357

Monochromacy



Original Color

36.1443, 0.3927, 0.3728

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1330, 0.3407, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1443, 0.3927, 0.3728 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(198, 153, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 120)  
}
```

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(198, 153, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 120) }
```

Border

The CSS property to change the border of an element to Yxy 36.1443, 0.3927, 0.3728 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(198, 153, 120) }
```

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

```
.border{ border-color:rgb(198, 153, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1443, 0.3927, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 120) }
```

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

```
.background{ background-color: rgb(198,  
153, 120) }
```

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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