

Converting Colors

$Y_{xy}(27.4368, 0.4037, 0.3717)$

Have a look what the booklet for
Yxy(27.4368, 0.4037, 0.3717)
contains.

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Color

Yxy(27.5781, 0.4037, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	B58567
RGB	181, 133, 103
RGB Percent	71%, 52%, 40%
CMY	0.2901, 0.4785, 0.5961
CMYK	0.00, 0.27, 0.43, 0.29
HSL	23°, 35%, 56%
HSV	23°, 43%, 71%
XYZ	29.8960, 27.5781, 16.5809
YIQ	143.9320, 38.2380, 0.8460

Conversions

Conversions Part 2

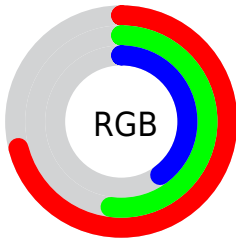
Format	Color
R_{YB}	181, 152, 103
Decimal	11896167
CIE _{Lab}	59.51, 14.58, 23.38
CIE _{LCh}	60, 27.555, 58.046
Yxy	27.5781, 0.4037, 0.3724
Android (android.graphics.Color)	4290086247 (0xFFB58567)
YUV	143.9320, -20.1795, 32.5086
Hunter-Lab	52.5149, 9.7167, 18.0403

Details

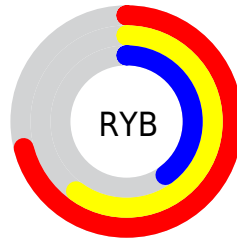
The Yxy color **27.5781, 0.4037, 0.3724** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3659, 0.2470, 0.2801**, and the grayscale version is **27.9336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6280, 0.3846, 0.3648**, and **10.9077, 0.4353, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **24.3631, 0.4331, 0.3817**, and if you desaturate by 10%, it is **31.1982, 0.3774, 0.3622**.

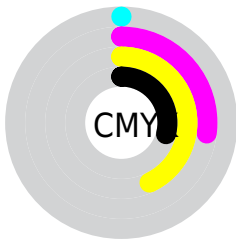
Distribution



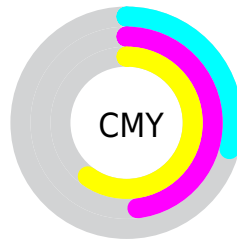
- Red (71%)
- Green (52%)
- Blue (40%)



- Red (71%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5781, 0.4037, 0.3724 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 27.5781, 0.4037, 0.3724 by changing the saturation by 10% instead.


 27.5781, 0.4037,
0.3724


 27.5781, 0.4037,
0.3724


290.4454, 0.3541,
0.3506


 18.0079, 0.4174,
0.3776


 55.8102, 0.3847,
0.3646

 10.9556, 0.4357,
0.3839


 75.2408, 0.3778,
0.3616

 6.0370, 0.4612,
0.3913

 98.7269, 0.3722,
0.3591

 2.8676, 0.4998,
0.4002

 126.6531, 0.3674,
0.3569

 1.0630, 0.5800,
0.4200

159.4036, 0.3633,
0.3550

 0.0000, 1.0000,
0.0000

197.3629, 0.3598,

 0.0000, 0.0000,

0.3533

0.0000

240.9154, 0.3567,
0.3519

■ 27.5781, 0.4037,
0.3724

■ 27.5781, 0.4037,
0.3724

■ 24.3631, 0.4331,
0.3817

■ 31.1982, 0.3774,
0.3622

■ 21.5342, 0.4648,
0.3892

■ 35.2337, 0.3544,
0.3517

■ 19.0762, 0.4976,
0.3935

■ 39.6996, 0.3346,
0.3415

■ 16.9715, 0.5291,
0.3934

■ 44.6085, 0.3175,
0.3319

■ 15.2003, 0.5569,
0.3882

■ 49.9729, 0.3029,
0.3229

■ 14.1545, 0.5738,
0.3826

■ 55.8046, 0.2904,
0.3145

■ 62.1148, 0.2797,
0.3069

■ 68.9145, 0.2705,
0.3000

■ 75.4902, 0.2680,
0.3050

Harmonies

Analogous

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



27.5781, 0.3966, 0.3361



27.5781, 0.4037, 0.3724



27.5781, 0.3847, 0.4012

Triad

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



27.5781, 0.4037, 0.3724



27.5781, 0.2609, 0.3579



27.5781, 0.2748, 0.2572

Complementary

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



27.5781, 0.4037, 0.3724



28.3659, 0.2470, 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.



27.5781, 0.2429, 0.2578



27.5781, 0.4037, 0.3724



27.5781, 0.2353, 0.3125

Square

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



27.5781, 0.4037, 0.3724



27.5781, 0.3013, 0.3965



27.5781, 0.2291, 0.2766



27.5781, 0.3191, 0.2727

Rectangle

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



27.5781, 0.4037, 0.3724



27.5781, 0.3608, 0.4111



27.5781, 0.2291, 0.2766



27.5781, 0.2624, 0.2555

Sweetspot

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



27.5794, 0.4037, 0.3724



70.9806, 0.3348, 0.3417



21.7666, 0.3545, 0.2615



14.9504, 0.3389, 0.3438



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.5794, 0.4037, 0.3724



43.7456, 0.4324, 0.3815



40.2810, 0.3806, 0.4230



9.0230, 0.3278, 0.3378



9.8806, 0.5715, 0.3844



0.4259, 0.5195, 0.4257

Inverse Universe

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



28.3659, 0.2470, 0.2801



45.3023, 0.2332, 0.2667



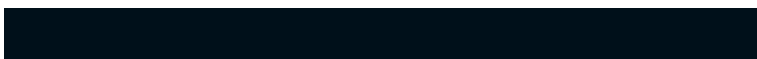
17.8335, 0.2359, 0.2130



9.0719, 0.2986, 0.3200



10.3393, 0.1889, 0.1999



0.4341, 0.2000, 0.2400

Previews

White Background



This preview shows how the Yxy color 27.5781, 0.4037, 0.3724 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5781, 0.4037, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

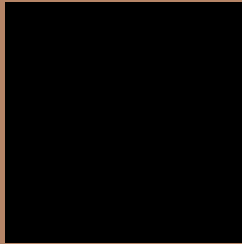
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5781, 0.4037, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 27.5781, 0.4037, 0.3724.



This preview shows how white text looks on a background with the Yxy color 27.5781, 0.4037, 0.3724.

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

27.5781, 0.4037, 0.3724

Protanopia

27.5977, 0.3611, 0.3854

Deuteranopia

27.7942, 0.3900, 0.3833



Tritanopia

27.4637, 0.3678, 0.3150

Trichromacy



Original Color

27.5781, 0.4037, 0.3724

Protanomaly

27.3984, 0.3768, 0.3803

Deuteranomaly

27.6816, 0.3959, 0.3794

Tritanomaly

27.5132, 0.3816, 0.3364

Monochromacy



Original Color

27.5781, 0.4037, 0.3724

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5092, 0.3432, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5781, 0.4037, 0.3724 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(181, 133, 103)` looks like.

```
.text, #text, p{  
    color:rgb(181, 133, 103)  
}
```

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(181, 133, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 133, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.5781, 0.4037, 0.3724 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(181, 133, 103) }
```

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

```
.border{ border-color:rgb(181, 133, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 133, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 133, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 133, 103);  
box-shadow:4px 4px 4px 4px rgb(181, 133,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5781, 0.4037, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 133, 103) }
```

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

```
.background{ background-color: rgb(181,  
133, 103) }
```

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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