

Converting Colors

$Y_{xy}(25.3241, 0.4073, 0.3664)$

Have a look what the booklet for
Yxy(25.3241, 0.4073, 0.3664)
contains.

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Color

Yxy(25.3263, 0.4070, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	B27E65
RGB	178, 126, 101
RGB Percent	70%, 49%, 40%
CMY	0.3019, 0.5059, 0.6039
CMYK	0.00, 0.29, 0.43, 0.30
HSL	19°, 33%, 55%
HSV	19°, 43%, 70%
XYZ	28.1711, 25.3263, 15.7191
YIQ	138.6980, 39.0170, 3.2490

Conversions

Conversions Part 2

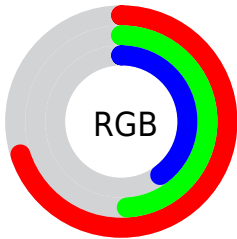
Format	Color
R_{YB}	178, 138, 101
Decimal	11697765
CIE _{Lab}	57.39, 17.02, 21.62
CIE _{LCh}	57, 27.518, 51.781
Yxy	25.3263, 0.4070, 0.3659
Android (android.graphics.Color)	4289887845 (0xFFB27E65)
YUV	138.6980, -18.5851, 34.4679
Hunter-Lab	50.3252, 11.8517, 16.7085

Details

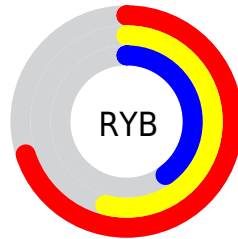
The Yxy color **25.3263, 0.4070, 0.3659** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.7698, 0.2481, 0.2879**, and the grayscale version is **25.7592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1694, 0.3864, 0.3597**, and **9.7850, 0.4411, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **22.1231, 0.4383, 0.3737**, and if you desaturate by 10%, it is **28.9771, 0.3794, 0.3572**.

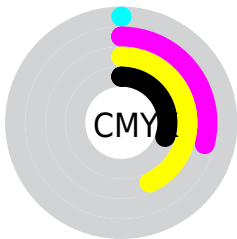
Distribution



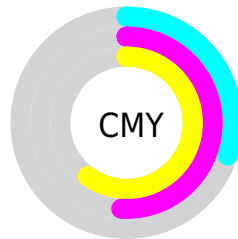
- Red (70%)
- Green (49%)
- Blue (40%)



- Red (70%)
- Yellow (54%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (30%)




- Cyan (30%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3263, 0.4070, 0.3659 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 25.3263, 0.4070, 0.3659 by changing the saturation by 10% instead.


 25.3263, 0.4070,
0.3659


 25.3263, 0.4070,
0.3659


279.4591, 0.3548,
0.3475


 16.3203, 0.4218,
0.3702


 52.1861, 0.3868,
0.3594


 9.7511, 0.4418,
0.3752


 70.8087, 0.3795,
0.3568

 5.2342, 0.4701,
0.3808

 93.4056, 0.3736,
0.3547

 2.3854, 0.5163,
0.3884

 120.3613, 0.3686,
0.3528

 0.8183, 0.6033,
0.3967

152.0601, 0.3644,
0.3512

 0.0000, 1.0000,
0.0000

188.8863, 0.3607,

 0.0000, 0.0000,

0.3498

0.0000

231.2246, 0.3576,
0.3486

■ 25.3263, 0.4070,
0.3659

■ 25.3263, 0.4070,
0.3659

■ 22.1231, 0.4383,
0.3737

■ 28.9771, 0.3794,
0.3572

■ 19.3460, 0.4725,
0.3797

■ 33.0886, 0.3555,
0.3484

■ 16.9766, 0.5081,
0.3827


■ 37.6782, 0.3351,
0.3397


■ 14.9942, 0.5424,
0.3816


■ 42.7609, 0.3178,
0.3315

■ 13.3752, 0.5722,
0.3757

■ 48.3512, 0.3031,
0.3239

 12.4687, 0.5896,
0.3701

 54.4630, 0.2907,
0.3169

 61.1095, 0.2801,
0.3105

 68.3036, 0.2711,
0.3047

 75.6506, 0.2665,
0.3059

Harmonies

Analogous

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



25.3263, 0.3939, 0.3283



25.3263, 0.4070, 0.3659



25.3263, 0.3926, 0.3980

Triad

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



25.3263, 0.4070, 0.3659



25.3263, 0.2671, 0.3682



25.3263, 0.2656, 0.2541

Complementary

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



25.3263, 0.4070, 0.3659



28.7698, 0.2481, 0.2879

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.



25.3263, 0.2366, 0.2584



25.3263, 0.4070, 0.3659



25.3263, 0.2372, 0.3213

Square

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



25.3263, 0.4070, 0.3659



25.3263, 0.3106, 0.4041



25.3263, 0.2266, 0.2815



25.3263, 0.3091, 0.2667

Rectangle

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



25.3263, 0.4070, 0.3659



25.3263, 0.3704, 0.4112



25.3263, 0.2266, 0.2815



25.3263, 0.2540, 0.2535

Sweetspot

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



25.3275, 0.4070, 0.3659



68.3472, 0.3350, 0.3397



21.0962, 0.3477, 0.2546



14.7212, 0.3392, 0.3416



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.



25.3275, 0.4070, 0.3659



40.3081, 0.4371, 0.3735



36.9165, 0.3837, 0.4170



8.9407, 0.3279, 0.3364



9.0243, 0.5875, 0.3717



0.3927, 0.5323, 0.4155

Inverse Universe

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



28.7698, 0.2481, 0.2879



47.3234, 0.2353, 0.2768



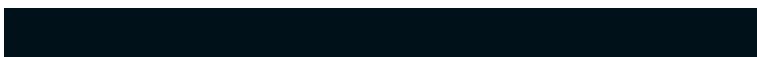
18.2730, 0.2371, 0.2216



9.1573, 0.2986, 0.3214



12.0687, 0.1947, 0.2210



0.4802, 0.2041, 0.2547

Previews

White Background



This preview shows how the Yxy color 25.3263, 0.4070, 0.3659 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 25.3263, 0.4070, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

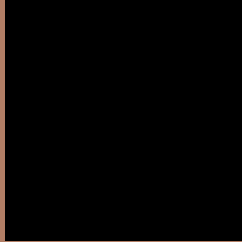
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3263, 0.4070, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 25.3263, 0.4070, 0.3659.



This preview shows how white text looks on a background with the Yxy color 25.3263, 0.4070, 0.3659.

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

25.3263, 0.4070, 0.3659

Protanopia

25.4206, 0.3571, 0.3826

Deuteranopia

25.3151, 0.3874, 0.3792



Tritanopia

25.3815, 0.3751, 0.3162

Trichromacy



Original Color

25.3263, 0.4070, 0.3659

Protanomaly

25.3188, 0.3744, 0.3773

Deuteranomaly

25.3204, 0.3947, 0.3751

Tritanomaly

25.2253, 0.3874, 0.3336

Monochromacy



Original Color

25.3263, 0.4070, 0.3659

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3032, 0.3445, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3263, 0.4070, 0.3659 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(178, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(178, 126, 101)  
}
```

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(178, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 126, 101) }
```

Border

The CSS property to change the border of an element to Yxy 25.3263, 0.4070, 0.3659 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(178, 126, 101) }
```

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

```
.border{ border-color:rgb(178, 126, 101) }
```

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

Here you see how a box with a 4 pixel rgb(178, 126, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(178, 126,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3263, 0.4070, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 126, 101) }
```

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

```
.background{ background-color: rgb(178,  
126, 101) }
```

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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