

Converting Colors

$Y_{xy}(25.6849, 0.3722, 0.3879)$

Have a look what the booklet for
Yxy(25.6849, 0.3722, 0.3879)
contains.

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Color

Yxy(25.7009, 0.3714, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	9A8965
RGB	154, 137, 101
RGB Percent	60%, 54%, 40%
CMY	0.3961, 0.4627, 0.6040
CMYK	0.00, 0.11, 0.34, 0.40
HSL	41°, 21%, 50%
HSV	41°, 34%, 60%
XYZ	24.6204, 25.7009, 15.9694
YIQ	137.9790, 21.6880, -7.5920

Conversions

Conversions Part 2

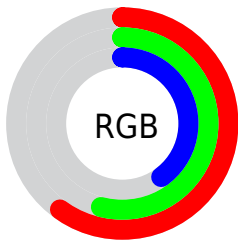
Format	Color
RYB	126, 154, 101
Decimal	10127717
CIELab	57.75, 0.83, 21.69
CIElCh	58, 21.702, 87.801
Yxy	25.7009, 0.3714, 0.3877
Android (android.graphics.Color)	4288317797 (0xFF9A8965)
YUV	137.9790, -18.2306, 14.0504
Hunter-Lab	50.6961, -2.0302, 16.8107

Details

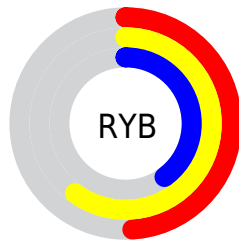
The Yxy color $25.7009, 0.3714, 0.3877$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.0498, 0.2567, 0.2622$, and the grayscale version is $25.4719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6492, 0.3592, 0.3754$, and $9.9075, 0.3922, 0.4067$ is the 20% darker color. If you saturate the color by 10%, you get $24.0564, 0.3912, 0.4047$, and if you desaturate by 10%, it is $27.4686, 0.3527, 0.3702$.

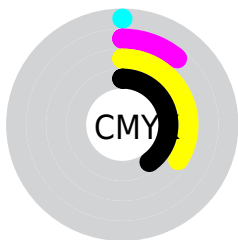
Distribution



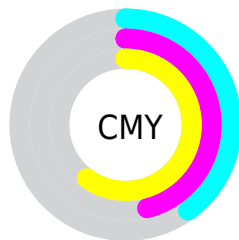
- Red (60%)
- Green (54%)
- Blue (40%)



- Red (49%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (40%)




- Cyan (40%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7009, 0.3714, 0.3877 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 25.7009, 0.3714, 0.3877 by changing the saturation by 10% instead.


 25.7009, 0.3714,
0.3877


 25.7009, 0.3714,
0.3877


281.3107, 0.3394,
0.3558

 16.6000, 0.3803,
0.3965


 52.7920, 0.3591,
0.3755


 9.9497, 0.3921,
0.4081


 71.5511, 0.3547,
0.3711

 5.3656, 0.4086,
0.4243

 94.2983, 0.3510,
0.3675

 2.4634, 0.4355,
0.4504

 121.4180, 0.3480,
0.3644

 0.8582, 0.4935,
0.5065

153.2948, 0.3453,
0.3618

 0.0000, 0.0000,
0.0000

190.3129, 0.3431,

0.3595

232.8567, 0.3411,
0.3575

■ 25.7009, 0.3714,
0.3877

■ 25.7009, 0.3714,
0.3877

■ 24.0564, 0.3912,
0.4047

■ 27.4686, 0.3527,
0.3702

■ 22.5274, 0.4114,
0.4204

■ 29.3596, 0.3352,
0.3529

■ 21.1110, 0.4314,
0.4338

■ 31.3788, 0.3193,
0.3361

■ 19.8021, 0.4504,
0.4439

■ 33.5293, 0.3049,
0.3203

■ 18.5956, 0.4673,
0.4497

■ 35.8145, 0.2919,
0.3054

■ 17.4849, 0.4813,
0.4507

■ 38.2374, 0.2803,
0.2917

■ 16.8992, 0.4886,
0.4502

■ 40.8010, 0.2699,
0.2790

■ 43.5079, 0.2607,
0.2673

■ 46.3611, 0.2525,
0.2567

Harmonies

Analogous

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



25.7009, 0.3861, 0.3650



25.7009, 0.3714, 0.3877



25.7009, 0.3411, 0.3954

Triad

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



25.7009, 0.3714, 0.3877



25.7009, 0.2496, 0.3166



25.7009, 0.3179, 0.2826

Complementary

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



25.7009, 0.3714, 0.3877



18.0498, 0.2567, 0.2622

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.



25.7009, 0.2819, 0.2700



25.7009, 0.3714, 0.3877



25.7009, 0.2442, 0.2872

Square

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



25.7009, 0.3714, 0.3877



25.7009, 0.2711, 0.3525



25.7009, 0.2556, 0.2711



25.7009, 0.3544, 0.3059

Rectangle

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



25.7009, 0.3714, 0.3877



25.7009, 0.3166, 0.3892



25.7009, 0.2556, 0.2711



25.7009, 0.3053, 0.2770

Sweetspot

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



25.7021, 0.3714, 0.3877



54.8555, 0.3283, 0.3457



17.4971, 0.3646, 0.2997



12.3086, 0.3304, 0.3479



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.7021, 0.3714, 0.3877



44.4582, 0.3859, 0.4004



30.0855, 0.3534, 0.4152



6.8888, 0.3267, 0.3441



13.8344, 0.4880, 0.4508



0.2717, 0.4521, 0.4792

Inverse Universe

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



18.0498, 0.2567, 0.2622



28.5022, 0.2436, 0.2449



14.9397, 0.2623, 0.2320



6.3335, 0.2988, 0.3135



3.7744, 0.1635, 0.1085



0.1171, 0.1857, 0.1885

Previews

White Background



This preview shows how the Yxy color 25.7009, 0.3714, 0.3877 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 25.7009, 0.3714, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

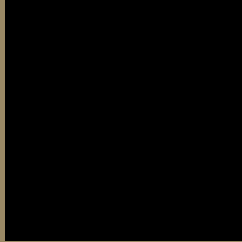
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7009, 0.3714, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 25.7009, 0.3714, 0.3877.



This preview shows how white text looks on a background with the Yxy color 25.7009, 0.3714, 0.3877.

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

25.7009, 0.3714, 0.3877

Protanopia

25.8141, 0.3633, 0.3904

Deuteranopia

25.6269, 0.3845, 0.3776



Tritanopia

25.8265, 0.3330, 0.3135

Trichromacy



Original Color

25.7009, 0.3714, 0.3877

Protanomaly

25.7156, 0.3662, 0.3883

Deuteranomaly

25.4831, 0.3791, 0.3800

Tritanomaly

25.7506, 0.3470, 0.3403

Monochromacy



Original Color

25.7009, 0.3714, 0.3877

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.5869, 0.3330, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7009, 0.3714, 0.3877 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(154, 137, 101)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 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(154, 137, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 101) }
```

Border

The CSS property to change the border of an element to Yxy 25.7009, 0.3714, 0.3877 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(154, 137, 101) }
```

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

```
.border{ border-color:rgb(154, 137, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 101);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7009, 0.3714, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 101) }
```

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

```
.background{ background-color: rgb(154,  
137, 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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