

Converting Colors

$Y_{xy}(25.8053, 0.3637, 0.4065)$

Have a look what the booklet for
Yxy(25.8053, 0.3637, 0.4065)
contains.

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Color

Yxy(25.8053, 0.3637, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	908D5F
RGB	144, 141, 95
RGB Percent	56%, 55%, 37%
CMY	0.4354, 0.4470, 0.6275
CMYK	0.00, 0.02, 0.34, 0.44
HSL	56°, 20%, 47%
HSV	56°, 34%, 56%
XYZ	23.0883, 25.8053, 14.5881
YIQ	136.6530, 16.5540, -13.6700

Conversions

Conversions Part 2

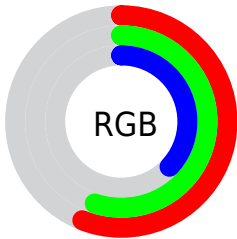
Format	Color
RYB	98, 144, 95
Decimal	9473375
CIELab	57.85, -6.35, 24.99
CIELCh	58, 25.786, 104.258
Yxy	25.8053, 0.3637, 0.4065
Android (android.graphics.Color)	4287663455 (0xFF908D5F)
YUV	136.6530, -20.5349, 6.4433
Hunter-Lab	50.7989, -7.7692, 18.5327

Details

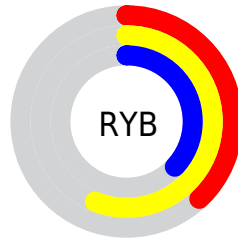
The Yxy color $25.8053, 0.3637, 0.4065$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.1717, 0.2545, 0.2375$, and the grayscale version is $24.9517, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1113, 0.3528, 0.3905$, and $10.0227, 0.3808, 0.4343$ is the 20% darker color. If you saturate the color by 10%, you get $25.3127, 0.3785, 0.4284$, and if you desaturate by 10%, it is $26.3507, 0.3484, 0.3836$.

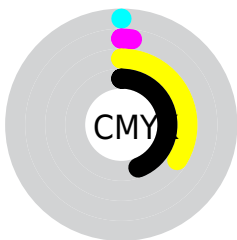
Distribution



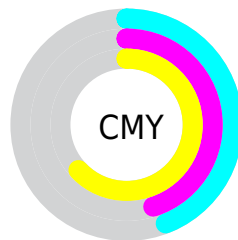
- Red (56%)
- Green (55%)
- Blue (37%)



- Red (38%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8053, 0.3637, 0.4065 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 25.8053, 0.3637, 0.4065 by changing the saturation by 10% instead.


 25.8053, 0.3637,
0.4065


 25.8053, 0.3637,
0.4065


281.8250, 0.3364,
0.3637


 16.6780, 0.3709,
0.4186


 52.9607, 0.3534,
0.3899


 10.0052, 0.3803,
0.4349


 71.7576, 0.3497,
0.3840

 5.4024, 0.3927,
0.4578

 94.5465, 0.3465,
0.3791

 2.4853, 0.4170,
0.5014

 121.7118, 0.3439,
0.3750

 0.8692, 0.4357,
0.5643

153.6379, 0.3416,
0.3715

 0.0000, 0.0000,
0.0000

190.7092, 0.3396,

0.3686

233.3101, 0.3379,
0.3660

■ 25.8053, 0.3637,
0.4065

■ 25.8053, 0.3637,
0.4065

■ 25.3127, 0.3785,
0.4284

■ 26.3507, 0.3484,
0.3836

■ 24.8666, 0.3923,
0.4484

■ 26.9477, 0.3332,
0.3605

■ 24.4654, 0.4045,
0.4656


■ 27.6000, 0.3185,
0.3379


■ 24.1057, 0.4147,
0.4792


■ 28.3096, 0.3044,
0.3161


■ 23.7838, 0.4224,
0.4889


■ 29.0786, 0.2912,
0.2956


 23.4951, 0.4275,
0.4944

 29.9089, 0.2790,
0.2764

 23.3303, 0.4301,
0.4967

 30.8024, 0.2678,
0.2588

 31.7608, 0.2577,
0.2426

 32.7859, 0.2484,
0.2278

Harmonies

Analogous

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



25.8053, 0.3928, 0.3872



25.8053, 0.3637, 0.4065



25.8053, 0.3220, 0.4034

Triad

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



25.8053, 0.3637, 0.4065



25.8053, 0.2328, 0.2930



25.8053, 0.3432, 0.2883

Complementary

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



25.8053, 0.3637, 0.4065



13.1717, 0.2545, 0.2375

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.



25.8053, 0.2985, 0.2663



25.8053, 0.3637, 0.4065



25.8053, 0.2373, 0.2669

Square

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



25.8053, 0.3637, 0.4065



25.8053, 0.2476, 0.3329



25.8053, 0.2604, 0.2582



25.8053, 0.3814, 0.3199

Rectangle

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



25.8053, 0.3637, 0.4065



25.8053, 0.2931, 0.3871



25.8053, 0.2604, 0.2582



25.8053, 0.3283, 0.2796

Sweetspot

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



25.8065, 0.3637, 0.4065



47.9760, 0.3275, 0.3518



14.9965, 0.3839, 0.3234



10.9692, 0.3294, 0.3547



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.8065, 0.3637, 0.4065



44.8461, 0.3753, 0.4237



24.9571, 0.3378, 0.4180



6.2304, 0.3260, 0.3495



20.3368, 0.4300, 0.4968



0.2054, 0.4242, 0.5014

Inverse Universe

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



13.1717, 0.2545, 0.2375



18.9903, 0.2388, 0.2124



13.9236, 0.2797, 0.2381



5.3041, 0.2990, 0.3077



1.9309, 0.1515, 0.0654



0.0268, 0.1585, 0.0905

Previews

White Background



This preview shows how the Yxy color 25.8053, 0.3637, 0.4065 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 25.8053, 0.3637, 0.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

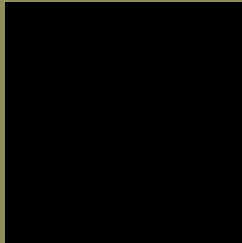
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8053, 0.3637, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 25.8053, 0.3637, 0.4065.



This preview shows how white text looks on a background with the Yxy color 25.8053, 0.3637, 0.4065.

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

25.8053, 0.3637, 0.4065

Protanopia

25.7574, 0.3730, 0.4031

Deuteranopia

25.7451, 0.3926, 0.3848



Tritanopia

25.8563, 0.3190, 0.3130

Trichromacy



Original Color

25.8053, 0.3637, 0.4065

Protanomaly

25.8602, 0.3700, 0.4053

Deuteranomaly

25.7219, 0.3822, 0.3930

Tritanomaly

25.7195, 0.3357, 0.3455

Monochromacy



Original Color

25.8053, 0.3637, 0.4065

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1575, 0.3316, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8053, 0.3637, 0.4065 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(144, 141, 95)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 95)  
}
```

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(144, 141, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.8053, 0.3637, 0.4065 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(144, 141, 95) }
```

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

```
.border{ border-color:rgb(144, 141, 95) }
```

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

Here you see how a box with a 4 pixel rgb(144, 141, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 95);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8053, 0.3637, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 95) }
```

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

```
.background{ background-color: rgb(144,  
141, 95) }
```

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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