

Converting Colors

$Y_{xy}(25.4950, 0.3635, 0.4053)$

Have a look what the booklet for
Yxy(25.4950, 0.3635, 0.4053)
contains.

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Color

$Y_{xy}(25.4220, 0.3630, 0.4053)$

Conversions

Conversions Part 1

Format	Color
Hex	8F8C5F
RGB	143, 140, 95
RGB Percent	56%, 55%, 37%
CMY	0.4393, 0.4509, 0.6274
CMYK	0.00, 0.02, 0.34, 0.44
HSL	56°, 20%, 47%
HSV	56°, 34%, 56%
XYZ	22.7688, 25.4220, 14.5331
YIQ	135.7670, 16.2330, -13.3590

Conversions

Conversions Part 2

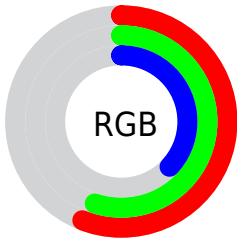
Format	Color
RYB	98, 143, 95
Decimal	9407583
CIELab	57.48, -6.21, 24.49
CIELCh	57, 25.262, 104.236
Yxy	25.4220, 0.3630, 0.4053
Android (android.graphics.Color)	4287597663 (0xFF8F8C5F)
YUV	135.7670, -20.0981, 6.3433
Hunter-Lab	50.4202, -7.6283, 18.2044

Details

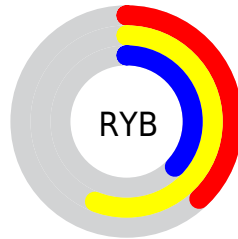
The Yxy color $25.4220, 0.3630, 0.4053$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.1455, 0.2555, 0.2392$, and the grayscale version is $24.6004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0856, 0.3525, 0.3883$, and $9.8010, 0.3800, 0.4329$ is the 20% darker color. If you saturate the color by 10%, you get $24.9288, 0.3779, 0.4272$, and if you desaturate by 10%, it is $25.9673, 0.3477, 0.3824$.

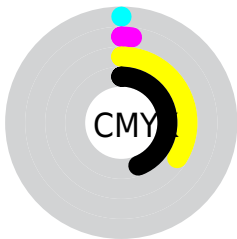
Distribution



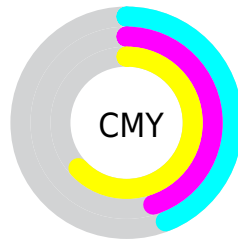
- Red (56%)
- Green (55%)
- Blue (37%)



- 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 25.4220, 0.3630, 0.4053 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 25.4220, 0.3630, 0.4053 by changing the saturation by 10% instead.


 25.4220, 0.3630,
0.4053


 25.4220, 0.3630,
0.4053


279.9331, 0.3360,
0.3630


 16.3917, 0.3702,
0.4173


 52.3410, 0.3528,
0.3889


 9.8018, 0.3796,
0.4335


 70.9985, 0.3491,
0.3831

 5.2677, 0.3920,
0.4563

 93.6340, 0.3460,
0.3782

 2.4052, 0.4170,
0.5006

 120.6316, 0.3434,
0.3742

 0.8286, 0.4342,
0.5658

152.3760, 0.3411,
0.3708

 0.0000, 0.0000,
0.0000

189.2514, 0.3392,

0.3678

231.6423, 0.3375,
0.3653

■ 25.4220, 0.3630,
0.4053

■ 25.4220, 0.3630,
0.4053

■ 24.9288, 0.3779,
0.4272

■ 25.9673, 0.3477,
0.3824

■ 24.4817, 0.3917,
0.4473

■ 26.5637, 0.3325,
0.3594

■ 24.0789, 0.4041,
0.4646


■ 27.2145, 0.3178,
0.3368


■ 23.7172, 0.4144,
0.4784

■ 27.9220, 0.3038,
0.3152


■ 23.3930, 0.4222,
0.4883

■ 28.6881, 0.2907,
0.2947


 23.1018, 0.4276,
0.4940

 29.5147, 0.2785,
0.2757

 22.9234, 0.4303,
0.4965

 30.4036, 0.2674,
0.2581

 31.3566, 0.2573,
0.2420

 32.3753, 0.2481,
0.2274

Harmonies

Analogous

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



25.4220, 0.3916, 0.3864



25.4220, 0.3630, 0.4053



25.4220, 0.3220, 0.4022

Triad

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



25.4220, 0.3630, 0.4053



25.4220, 0.2339, 0.2936



25.4220, 0.3427, 0.2888

Complementary

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



25.4220, 0.3630, 0.4053



13.1455, 0.2555, 0.2392

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.



25.4220, 0.2987, 0.2671



25.4220, 0.3630, 0.4053



25.4220, 0.2384, 0.2678

Square

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



25.4220, 0.3630, 0.4053



25.4220, 0.2486, 0.3329



25.4220, 0.2612, 0.2592



25.4220, 0.3803, 0.3200

Rectangle

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



25.4220, 0.3630, 0.4053



25.4220, 0.2935, 0.3862



25.4220, 0.2612, 0.2592



25.4220, 0.3281, 0.2803

Sweetspot

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



25.4232, 0.3630, 0.4053



47.9646, 0.3275, 0.3518



14.9080, 0.3825, 0.3234



10.9663, 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.



25.4232, 0.3630, 0.4053



44.8885, 0.3739, 0.4214



24.6167, 0.3375, 0.4167



6.2290, 0.3260, 0.3494



20.2858, 0.4303, 0.4966



0.2052, 0.4243, 0.5013

Inverse Universe

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



13.1455, 0.2555, 0.2392



19.5362, 0.2409, 0.2159



13.8658, 0.2802, 0.2395



5.3053, 0.2990, 0.3077



1.9352, 0.1516, 0.0655



0.0270, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 25.4220, 0.3630, 0.4053 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 25.4220, 0.3630, 0.4053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

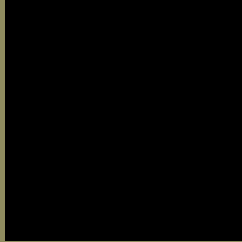
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4220, 0.3630, 0.4053

Background



This preview shows how black text looks on a background with the Yxy color 25.4220, 0.3630, 0.4053.



This preview shows how white text looks on a background with the Yxy color 25.4220, 0.3630, 0.4053.

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

25.4220, 0.3630, 0.4053

Protanopia

25.3747, 0.3723, 0.4020

Deuteranopia

25.2581, 0.3908, 0.3838



Tritanopia

25.4534, 0.3191, 0.3129

Trichromacy



Original Color

25.4220, 0.3630, 0.4053

Protanomaly

25.4764, 0.3694, 0.4041

Deuteranomaly

25.2404, 0.3804, 0.3921

Tritanomaly

25.3177, 0.3359, 0.3456

Monochromacy



Original Color

25.4220, 0.3630, 0.4053

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7608, 0.3318, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4220, 0.3630, 0.4053 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(143, 140, 95)` looks like.

```
.text, #text, p{  
    color:rgb(143, 140, 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(143, 140, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 140, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.4220, 0.3630, 0.4053 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(143, 140, 95) }
```

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

```
.border{ border-color:rgb(143, 140, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 140, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 140, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 140, 95);  
box-shadow:4px 4px 4px 4px rgb(143, 140,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4220, 0.3630, 0.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 140, 95) }
```

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

```
.background{ background-color: rgb(143,  
140, 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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