

Converting Colors

$Y_{xy}(25.3194, 0.4170, 0.4428)$

Have a look what the booklet for
Yxy(25.3194, 0.4170, 0.4428)
contains.

Yxy(25.2143, 0.4167, 0.4424)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.2143, 0.4167, 0.4424)

Conversions

Conversions Part 1

Format	Color
Hex	9E883D
RGB	158, 136, 61
RGB Percent	62%, 53%, 24%
CMY	0.3803, 0.4667, 0.7608
CMYK	0.00, 0.14, 0.61, 0.38
HSL	46°, 44%, 43%
HSV	46°, 61%, 62%
XYZ	23.7495, 25.2143, 8.0305
YIQ	134.0280, 37.1870, -18.6610

Conversions

Conversions Part 2

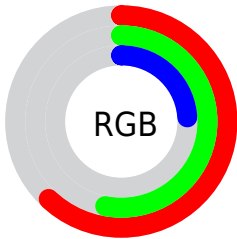
Format	Color
R_{YB}	89, 158, 61
Decimal	10389565
CIE _{Lab}	57.28, -0.95, 42.48
CIE _{LCh}	57, 42.488, 91.283
Yxy	25.2143, 0.4167, 0.4424
Android (android.graphics.Color)	4288579645 (0xFF9E883D)
YUV	134.0280, -36.0028, 21.0234
Hunter-Lab	50.2138, -3.4494, 25.6677

Details

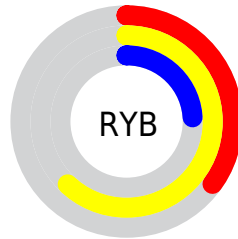
The Yxy color **25.2143, 0.4167, 0.4424** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.6517, 0.2055, 0.1772**, and the grayscale version is **23.9770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9900, 0.3973, 0.4207**, and **9.7792, 0.4448, 0.4745** is the 20% darker color. If you saturate the color by 10%, you get **24.0762, 0.4326, 0.4550**, and if you desaturate by 10%, it is **26.4388, 0.3994, 0.4266**.

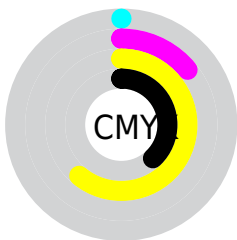
Distribution



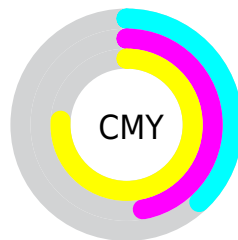
- Red (62%)
- Green (53%)
- Blue (24%)



- Red (35%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (61%)
- Black (38%)





- Cyan (38%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2143, 0.4167, 0.4424 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 25.2143, 0.4167, 0.4424 by changing the saturation by 10% instead.


 25.2143, 0.4167,
0.4424


 25.2143, 0.4167,
0.4424


278.9035, 0.3622,
0.3827


 16.2368, 0.4298,
0.4569


 52.0047, 0.3969,
0.4206

 9.6919, 0.4453,
0.4744


 70.5863, 0.3894,
0.4124

 5.1951, 0.4686,
0.5006


 93.1381, 0.3831,
0.4054

 2.3622, 0.4823,
0.5177

 120.0445, 0.3777,
0.3995

 0.8063, 0.4796,
0.5204

 151.6898, 0.3730,
0.3944

 0.0000, 0.0000,
0.0000

 188.4585, 0.3689,

0.3900

230.7349, 0.3654,
0.3861

■ 25.2143, 0.4167,
0.4424

■ 25.2143, 0.4167,
0.4424

■ 24.0762, 0.4326,
0.4550

■ 26.4388, 0.3994,
0.4266

■ 23.0159, 0.4464,
0.4637

■ 27.7505, 0.3815,
0.4086

■ 22.0291, 0.4575,
0.4678

■ 29.1543, 0.3636,
0.3894

■ 21.2271, 0.4654,
0.4686

■ 30.6540, 0.3463,
0.3697

■ 32.2529, 0.3300,
0.3503

■ 33.9541, 0.3147,
0.3315

■ 35.7606, 0.3007,
0.3138

■ 37.6752, 0.2880,
0.2971

■ 39.7006, 0.2765,
0.2817

Harmonies

Analogous

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



25.2143, 0.4536, 0.3955



25.2143, 0.4167, 0.4424



25.2143, 0.3543, 0.4632

Triad

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



25.2143, 0.4167, 0.4424



25.2143, 0.1925, 0.2921



25.2143, 0.3292, 0.2479

Complementary

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



25.2143, 0.4167, 0.4424



9.6517, 0.2055, 0.1772

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.



25.2143, 0.2594, 0.2229



25.2143, 0.4167, 0.4424



25.2143, 0.1878, 0.2414

Square

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



25.2143, 0.4167, 0.4424



25.2143, 0.2258, 0.3663



25.2143, 0.2105, 0.2195



25.2143, 0.4020, 0.2897

Rectangle

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



25.2143, 0.4167, 0.4424



25.2143, 0.3073, 0.4509



25.2143, 0.2105, 0.2195



25.2143, 0.3044, 0.2374

Sweetspot

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



25.2155, 0.4167, 0.4424



56.5183, 0.3413, 0.3638



11.2434, 0.4548, 0.2945



12.5647, 0.3459, 0.3692



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.2155, 0.4167, 0.4424



42.9153, 0.4385, 0.4591



29.7138, 0.3690, 0.4849



7.4648, 0.3266, 0.3462



17.0577, 0.4650, 0.4690



0.3629, 0.4437, 0.4859

Inverse Universe

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



9.6517, 0.2055, 0.1772



12.3035, 0.1828, 0.1386



7.8275, 0.2226, 0.1482



6.6674, 0.2988, 0.3112



3.0324, 0.1576, 0.0874



0.1107, 0.1764, 0.1549

Previews

White Background



This preview shows how the Yxy color 25.2143, 0.4167, 0.4424 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 25.2143, 0.4167, 0.4424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

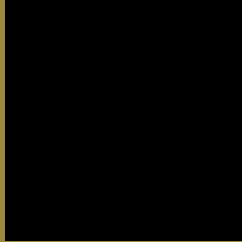
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2143, 0.4167, 0.4424

Background



This preview shows how black text looks on a background with the Yxy color 25.2143, 0.4167, 0.4424.



This preview shows how white text looks on a background with the Yxy color 25.2143, 0.4167, 0.4424.

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

25.2143, 0.4167, 0.4424

Protanopia

25.2971, 0.4079, 0.4468

Deuteranopia

25.1264, 0.4351, 0.4277



Tritanopia

25.2727, 0.3454, 0.3137

Trichromacy



Original Color

25.2143, 0.4167, 0.4424

Protanomaly

25.2077, 0.4113, 0.4443

Deuteranomaly

25.2298, 0.4284, 0.4326

Tritanomaly

25.0398, 0.3739, 0.3624

Monochromacy



Original Color

25.2143, 0.4167, 0.4424

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2291, 0.3524, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2143, 0.4167, 0.4424 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(158, 136, 61)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 61)  
}
```

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(158, 136, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 61) }
```

Border

The CSS property to change the border of an element to Yxy 25.2143, 0.4167, 0.4424 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(158, 136, 61) }
```

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

```
.border{ border-color:rgb(158, 136, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 61);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2143, 0.4167, 0.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 61) }
```

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

```
.background{ background-color: rgb(158,  
136, 61) }
```

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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