

Converting Colors

$Y_{xy}(25.8681, 0.4237, 0.4458)$

Have a look what the booklet for
Yxy(25.8681, 0.4237, 0.4458)
contains.

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Color

$\text{Yxy}(25.8681, 0.4237, 0.4458)$

Conversions

Conversions Part 1

Format	Color
Hex	A28939
RGB	162, 137, 57
RGB Percent	64%, 54%, 22%
CMY	0.3647, 0.4627, 0.7763
CMYK	0.00, 0.15, 0.65, 0.36
HSL	46°, 48%, 43%
HSV	46°, 65%, 64%
XYZ	24.5857, 25.8681, 7.5724
YIQ	135.3550, 40.5800, -19.5800

Conversions

Conversions Part 2

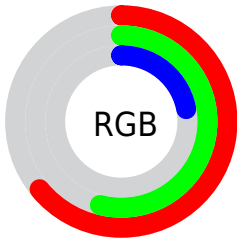
Format	Color
R_{YB}	90, 162, 57
Decimal	10651961
CIE Lab	57.91, -0.00, 45.19
CIE LCh	58, 45.187, 90.006
Yxy	25.8681, 0.4237, 0.4458
Android (android.graphics.Color)	4288842041 (0xFFA28939)
YUV	135.3550, -38.6290, 23.3677
Hunter-Lab	50.8607, -2.7205, 26.7751

Details

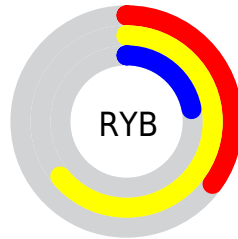
The Yxy color **25.8681, 0.4237, 0.4458** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.5198, 0.1999, 0.1694**, and the grayscale version is **24.5045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9697, 0.4025, 0.4235**, and **10.1096, 0.4516, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **24.6550, 0.4394, 0.4570**, and if you desaturate by 10%, it is **27.1745, 0.4064, 0.4311**.

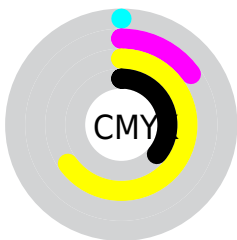
Distribution



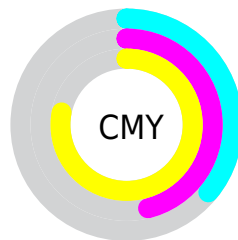
- Red (64%)
- Green (54%)
- Blue (22%)



- Red (35%)
- Yellow (64%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (65%)
- Black (36%)




- Cyan (36%)
- Magenta (46%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8681, 0.4237, 0.4458 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 25.8681, 0.4237, 0.4458 by changing the saturation by 10% instead.


 25.8681, 0.4237,
0.4458


 25.8681, 0.4237,
0.4458


282.1340, 0.3661,
0.3852


 16.7250, 0.4372,
0.4600


 53.0621, 0.4030,
0.4240


 10.0386, 0.4530,
0.4766


 71.8817, 0.3951,
0.4157


 5.4246, 0.4780,
0.5030

 94.6957, 0.3884,
0.4086

 2.4985, 0.4873,
0.5127

 121.8884, 0.3826,
0.4025

 0.8759, 0.4873,
0.5127

 153.8442, 0.3776,
0.3973

 0.0000, 0.0000,
0.0000

 190.9474, 0.3733,

0.3927

233.5826, 0.3695,
0.3887

■ 25.8681, 0.4237,
0.4458

■ 25.8681, 0.4237,
0.4458

■ 24.6550, 0.4394,
0.4570

■ 27.1745, 0.4064,
0.4311

■ 23.5259, 0.4527,
0.4639

■ 28.5754, 0.3883,
0.4140

■ 22.4755, 0.4632,
0.4662

■ 30.0763, 0.3701,
0.3952

■ 21.9513, 0.4682,
0.4664

■ 31.6813, 0.3524,
0.3758

■ 33.3939, 0.3355,
0.3565

■ 35.2177, 0.3198,
0.3377

■ 37.1560, 0.3053,
0.3198

■ 39.2118, 0.2922,
0.3030

■ 41.3881, 0.2803,
0.2874

Harmonies

Analogous

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



25.8681, 0.4615, 0.3953



25.8681, 0.4237, 0.4458



25.8681, 0.3588, 0.4707

Triad

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



25.8681, 0.4237, 0.4458



25.8681, 0.1877, 0.2925



25.8681, 0.3264, 0.2426

Complementary

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



25.8681, 0.4237, 0.4458



9.5198, 0.1999, 0.1694

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.



25.8681, 0.2539, 0.2174



25.8681, 0.4237, 0.4458



25.8681, 0.1818, 0.2384

Square

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



25.8681, 0.4237, 0.4458



25.8681, 0.2233, 0.3718



25.8681, 0.2041, 0.2147



25.8681, 0.4039, 0.2854

Rectangle

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



25.8681, 0.4237, 0.4458



25.8681, 0.3096, 0.4599



25.8681, 0.2041, 0.2147



25.8681, 0.3004, 0.2320

Sweetspot

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



25.8693, 0.4237, 0.4458



59.1768, 0.3431, 0.3653



11.2403, 0.4642, 0.2909



13.1010, 0.3477, 0.3706



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.8693, 0.4237, 0.4458



43.7772, 0.4460, 0.4608



31.3520, 0.3726, 0.4914



7.9500, 0.3267, 0.3460



17.3616, 0.4677, 0.4668



0.4305, 0.4471, 0.4832

Inverse Universe

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



9.5198, 0.1999, 0.1694



11.9669, 0.1777, 0.1304



7.3901, 0.2145, 0.1369



7.1212, 0.2987, 0.3114



3.2350, 0.1582, 0.0893



0.1355, 0.1764, 0.1551

Previews

White Background



This preview shows how the Yxy color 25.8681, 0.4237, 0.4458 looks on a white background.

Color Contrast Check

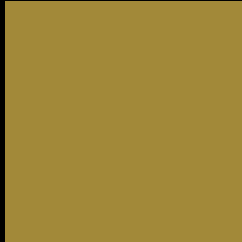
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8681, 0.4237, 0.4458 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 25.8681, 0.4237, 0.4458

Background



This preview shows how black text looks on a background with the Yxy color 25.8681, 0.4237, 0.4458.



This preview shows how white text looks on a background with the Yxy color 25.8681, 0.4237, 0.4458.

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

25.8681, 0.4237, 0.4458

Protanopia

26.0302, 0.4117, 0.4529

Deuteranopia

25.6923, 0.4410, 0.4317



Tritanopia

25.9705, 0.3499, 0.3155

Trichromacy



Original Color

25.8681, 0.4237, 0.4458

Protanomaly

26.0398, 0.4162, 0.4498

Deuteranomaly

25.7907, 0.4342, 0.4366

Tritanomaly

25.7136, 0.3794, 0.3649

Monochromacy



Original Color

25.8681, 0.4237, 0.4458

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6896, 0.3544, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8681, 0.4237, 0.4458 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(162, 137, 57)` looks like.

```
.text, #text, p{  
    color:rgb(162, 137, 57)  
}
```

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(162, 137, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 137, 57) }
```

Border

The CSS property to change the border of an element to Yxy 25.8681, 0.4237, 0.4458 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(162, 137, 57) }
```

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

```
.border{ border-color:rgb(162, 137, 57) }
```

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

Here you see how a box with a 4 pixel rgb(162, 137, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 137, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 137, 57);  
box-shadow:4px 4px 4px 4px rgb(162, 137,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8681, 0.4237, 0.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 137, 57) }
```

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

```
.background{ background-color: rgb(162,  
137, 57) }
```

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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