

Converting Colors

$Y_{xy}(25.1111, 0.4086, 0.4057)$

Have a look what the booklet for
Yxy(25.1111, 0.4086, 0.4057)
contains.

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Color

$\text{Yxy}(25.1111, 0.4086, 0.4057)$

Conversions

Conversions Part 1

Format	Color
Hex	A58452
RGB	165, 132, 82
RGB Percent	65%, 52%, 32%
CMY	0.3530, 0.4823, 0.6785
CMYK	0.00, 0.20, 0.50, 0.35
HSL	36°, 34%, 48%
HSV	36°, 50%, 65%
XYZ	25.2906, 25.1111, 11.4940
YIQ	136.1670, 35.7180, -8.5540

Conversions

Conversions Part 2

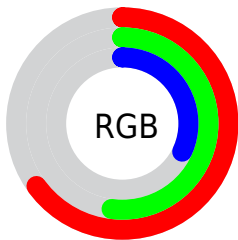
Format	Color
RYB	137, 165, 82
Decimal	10847314
CIELab	57.18, 6.15, 31.66
CIElCh	57, 32.248, 79.007
Yxy	25.1111, 0.4086, 0.4057
Android (android.graphics.Color)	4289037394 (0xFFA58452)
YUV	136.1670, -26.7043, 25.2865
Hunter-Lab	50.1110, 2.3933, 21.4782

Details

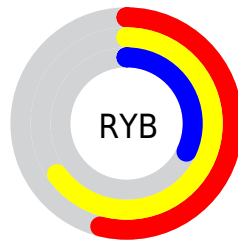
The Yxy color **25.1111, 0.4086, 0.4057** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.7668, 0.2305, 0.2357**, and the grayscale version is **24.7786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8935, 0.3893, 0.3912**, and **9.6874, 0.4409, 0.4291** is the 20% darker color. If you saturate the color by 10%, you get **23.1675, 0.4315, 0.4187**, and if you desaturate by 10%, it is **27.2294, 0.3864, 0.3909**.

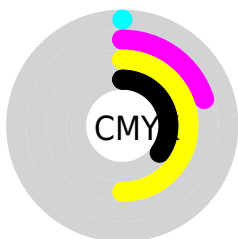
Distribution



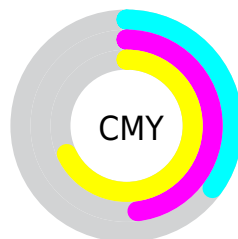
- Red (65%)
- Green (52%)
- Blue (32%)



- Red (54%)
- Yellow (65%)
- Blue (32%)



- Cyan (0%)
- Magenta (20%)
- Yellow (50%)
- Black (35%)





- Cyan (35%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1111, 0.4086, 0.4057 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 25.1111, 0.4086, 0.4057 by changing the saturation by 10% instead.


 25.1111, 0.4086,
0.4057


 25.1111, 0.4086,
0.4057


278.3908, 0.3565,
0.3654

 16.1598, 0.4226,
0.4158


 51.8374, 0.3888,
0.3909

 9.6373, 0.4408,
0.4283


 70.3812, 0.3816,
0.3853


 5.1592, 0.4647,
0.4435

 92.8914, 0.3756,
0.3806

 2.3410, 0.5189,
0.4811

 119.7523, 0.3706,
0.3767

 0.7953, 0.5330,
0.4670

 151.3482, 0.3663,
0.3733

 0.0000, 0.0000,
0.0000

188.0637, 0.3626,

0.3703

230.2831, 0.3593,
0.3677

■ 25.1111, 0.4086,
0.4057

■ 25.1111, 0.4086,
0.4057

■ 23.1675, 0.4315,
0.4187

■ 27.2294, 0.3864,
0.3909

■ 21.3884, 0.4542,
0.4288

■ 29.5246, 0.3655,
0.3753

■ 19.7680, 0.4755,
0.4348

■ 32.0036, 0.3462,
0.3595

■ 18.2983, 0.4942,
0.4360

■ 34.6715, 0.3288,
0.3441

■ 17.0026, 0.5101,
0.4332

■ 37.5334, 0.3132,
0.3294

■ 40.5939, 0.2993,
0.3157

■ 43.8578, 0.2870,
0.3029

■ 47.3292, 0.2761,
0.2911

■ 51.0125, 0.2665,
0.2802

Harmonies

Analogous

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



25.1111, 0.4234, 0.3667



25.1111, 0.4086, 0.4057



25.1111, 0.3680, 0.4285

Triad

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



25.1111, 0.4086, 0.4057



25.1111, 0.2271, 0.3242



25.1111, 0.3029, 0.2550

Complementary

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



25.1111, 0.4086, 0.4057



16.7668, 0.2305, 0.2357

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.



25.1111, 0.2537, 0.2420



25.1111, 0.4086, 0.4057



25.1111, 0.2132, 0.2762

Square

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



25.1111, 0.4086, 0.4057



25.1111, 0.2632, 0.3803



25.1111, 0.2225, 0.2483



25.1111, 0.3595, 0.2839

Rectangle

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



25.1111, 0.4086, 0.4057



25.1111, 0.3329, 0.4275



25.1111, 0.2225, 0.2483



25.1111, 0.2850, 0.2487

Sweetspot

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



25.1123, 0.4086, 0.4057



59.6807, 0.3372, 0.3517



15.2742, 0.3934, 0.2777



12.8406, 0.3407, 0.3548



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.



25.1123, 0.4086, 0.4057



41.2302, 0.4333, 0.4196



34.6561, 0.3761, 0.4523



7.7625, 0.3271, 0.3425



12.9625, 0.5089, 0.4341



0.3609, 0.4691, 0.4657

Inverse Universe

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



16.7668, 0.2305, 0.2357



24.6516, 0.2132, 0.2112



10.9376, 0.2268, 0.1765



7.3004, 0.2987, 0.3151



5.0580, 0.1691, 0.1289



0.1972, 0.1894, 0.2020

Previews

White Background



This preview shows how the Yxy color 25.1111, 0.4086, 0.4057 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 25.1111, 0.4086, 0.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

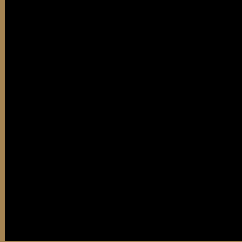
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1111, 0.4086, 0.4057

Background



This preview shows how black text looks on a background with the Yxy color 25.1111, 0.4086, 0.4057.



This preview shows how white text looks on a background with the Yxy color 25.1111, 0.4086, 0.4057.

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

25.1111, 0.4086, 0.4057

Protanopia

25.3011, 0.3839, 0.4174

Deuteranopia

25.0573, 0.4118, 0.4035



Tritanopia

25.2170, 0.3555, 0.3155

Trichromacy



Original Color

25.1111, 0.4086, 0.4057

Protanomaly

25.2014, 0.3923, 0.4140

Deuteranomaly

24.9488, 0.4106, 0.4039

Tritanomaly

25.0241, 0.3754, 0.3477

Monochromacy



Original Color

25.1111, 0.4086, 0.4057

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7919, 0.3472, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1111, 0.4086, 0.4057 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(165, 132, 82)` looks like.

```
.text, #text, p{  
    color:rgb(165, 132, 82)  
}
```

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(165, 132, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 132, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.1111, 0.4086, 0.4057 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(165, 132, 82) }
```

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

```
.border{ border-color:rgb(165, 132, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 132, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 132, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 132, 82);  
box-shadow:4px 4px 4px 4px rgb(165, 132,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1111, 0.4086, 0.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 132, 82) }
```

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

```
.background{ background-color: rgb(165,  
132, 82) }
```

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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