

Converting Colors

$Y_{xy}(25.1488, 0.4333, 0.4254)$

Have a look what the booklet for
Yxy(25.1488, 0.4333, 0.4254)
contains.

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Color

Yxy(25.1488, 0.4333, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	AA8340
RGB	170, 131, 64
RGB Percent	67%, 51%, 25%
CMY	0.3334, 0.4862, 0.7490
CMYK	0.00, 0.23, 0.62, 0.33
HSL	38°, 45%, 46%
HSV	38°, 62%, 67%
XYZ	25.6158, 25.1488, 8.3534
YIQ	135.0230, 44.7510, -12.5690

Conversions

Conversions Part 2

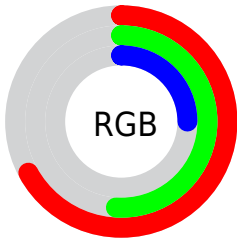
Format	Color
R _Y B	126, 170, 64
Decimal	11174720
CIE Lab	57.22, 7.36, 41.26
CIE LCh	57, 41.911, 79.880
Yxy	25.1488, 0.4333, 0.4254
Android (android.graphics.Color)	4289364800 (0xFFAA8340)
YUV	135.0230, -35.0143, 30.6748
Hunter-Lab	50.1486, 3.4176, 25.2279

Details

The Yxy color **25.1488, 0.4333, 0.4254** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.6838, 0.2096, 0.2018**, and the grayscale version is **24.3575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9899, 0.4096, 0.4082**, and **9.7111, 0.4700, 0.4489** is the 20% darker color. If you saturate the color by 10%, you get **23.3565, 0.4545, 0.4353**, and if you desaturate by 10%, it is **27.1038, 0.4114, 0.4123**.

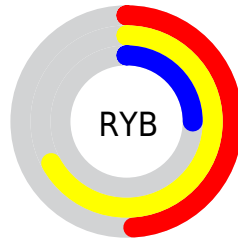
Distribution



Red (67%)

Green (51%)

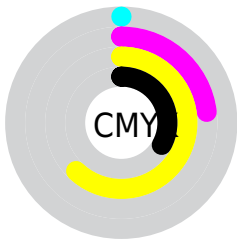
Blue (25%)



Red (49%)

Yellow (67%)

Blue (25%)

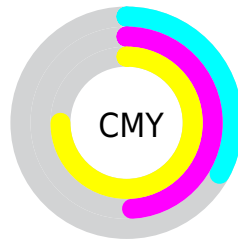


Cyan (0%)

Magenta (23%)

Yellow (62%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1488, 0.4333, 0.4254 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 25.1488, 0.4333, 0.4254 by changing the saturation by 10% instead.


 25.1488, 0.4333,
0.4254


 25.1488, 0.4333,
0.4254


278.5782, 0.3690,
0.3763


 16.1880, 0.4494,
0.4365


 51.8985, 0.4095,
0.4080


 9.6573, 0.4693,
0.4491


 70.4562, 0.4007,
0.4013

 5.1723, 0.4979,
0.4663

 92.9816, 0.3932,
0.3955

 2.3487, 0.5249,
0.4751

 119.8591, 0.3869,
0.3906

 0.7993, 0.5413,
0.4587

 151.4731, 0.3815,
0.3863

 0.0000, 0.0000,
0.0000

188.2080, 0.3768,

0.3825

230.4482, 0.3727,
0.3792

■ 25.1488, 0.4333,
0.4254

■ 25.1488, 0.4333,
0.4254

■ 23.3565, 0.4545,
0.4353

■ 27.1038, 0.4114,
0.4123

■ 21.7159, 0.4740,
0.4409

■ 29.2244, 0.3897,
0.3972

■ 20.2198, 0.4907,
0.4416

■ 31.5179, 0.3690,
0.3809

■ 19.1607, 0.5020,
0.4396

■ 33.9898, 0.3498,
0.3644

■ 36.6455, 0.3321,
0.3481

■ 39.4900, 0.3162,
0.3325

■ 42.5279, 0.3020,
0.3179

■ 45.7639, 0.2893,
0.3042

■ 49.2022, 0.2780,
0.2915

Harmonies

Analogous

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



25.1488, 0.4557, 0.3748



25.1488, 0.4333, 0.4254



25.1488, 0.3793, 0.4584

Triad

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



25.1488, 0.4333, 0.4254



25.1488, 0.2030, 0.3187



25.1488, 0.3012, 0.2371

Complementary

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



25.1488, 0.4333, 0.4254



13.6838, 0.2096, 0.2018

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.



25.1488, 0.2387, 0.2200



25.1488, 0.4333, 0.4254



25.1488, 0.1876, 0.2582

Square

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



25.1488, 0.4333, 0.4254



25.1488, 0.2464, 0.3947



25.1488, 0.1999, 0.2258



25.1488, 0.3749, 0.2729

Rectangle

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



25.1488, 0.4333, 0.4254



25.1488, 0.3341, 0.4590



25.1488, 0.1999, 0.2258



25.1488, 0.2782, 0.2291

Sweetspot

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



25.1500, 0.4333, 0.4254



63.1016, 0.3443, 0.3594



13.2220, 0.4284, 0.2706



13.7795, 0.3494, 0.3640



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.1500, 0.4333, 0.4254



41.1632, 0.4626, 0.4381



36.3418, 0.3859, 0.4783



8.3031, 0.3271, 0.3433



14.2076, 0.5009, 0.4405



0.4382, 0.4679, 0.4667

Inverse Universe

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



13.6838, 0.2096, 0.2018



18.7290, 0.1894, 0.1682



8.1188, 0.2044, 0.1372



7.7354, 0.2986, 0.3143



4.8084, 0.1667, 0.1201



0.2148, 0.1858, 0.1889

Previews

White Background



This preview shows how the Yxy color 25.1488, 0.4333, 0.4254 looks on a white background.

Color Contrast Check

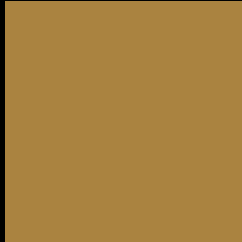
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1488, 0.4333, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

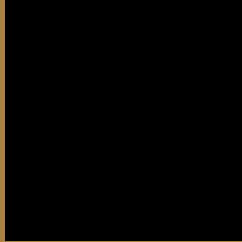
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1488, 0.4333, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 25.1488, 0.4333, 0.4254.



This preview shows how white text looks on a background with the Yxy color 25.1488, 0.4333, 0.4254.

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

25.1488, 0.4333, 0.4254

Protanopia

25.2457, 0.4033, 0.4423

Deuteranopia

25.1488, 0.4333, 0.4254



Tritanopia

24.9733, 0.3649, 0.3143

Trichromacy



Original Color

25.1488, 0.4333, 0.4254

Protanomaly

25.0805, 0.4154, 0.4356

Deuteranomaly

25.1488, 0.4333, 0.4254

Tritanomaly

24.8887, 0.3924, 0.3564

Monochromacy



Original Color

25.1488, 0.4333, 0.4254

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4502, 0.3566, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1488, 0.4333, 0.4254 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(170, 131, 64)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 64)  
}
```

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(170, 131, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 64) }
```

Border

The CSS property to change the border of an element to Yxy 25.1488, 0.4333, 0.4254 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(170, 131, 64) }
```

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

```
.border{ border-color:rgb(170, 131, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 131, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 64);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1488, 0.4333, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 64) }
```

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

```
.background{ background-color: rgb(170,  
131, 64) }
```

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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