

Converting Colors

$Y_{xy}(25.1738, 0.4153, 0.4262)$

Have a look what the booklet for
Yxy(25.1738, 0.4153, 0.4262)
contains.

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Color

Yxy(25.1738, 0.4153, 0.4262)

Conversions

Conversions Part 1

Format	Color
Hex	A28646
RGB	162, 134, 70
RGB Percent	64%, 53%, 27%
CMY	0.3647, 0.4745, 0.7254
CMYK	0.00, 0.17, 0.57, 0.36
HSL	42°, 40%, 45%
HSV	42°, 57%, 64%
XYZ	24.5300, 25.1738, 9.3619
YIQ	135.0760, 37.2320, -13.9680

Conversions

Conversions Part 2

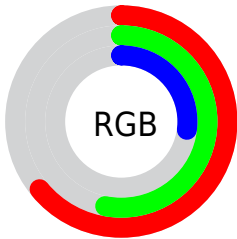
Format	Color
R_{YB}	110, 162, 70
Decimal	10651206
CIE _{Lab}	57.24, 2.63, 38.01
CIE _{LCh}	57, 38.101, 86.041
Yxy	25.1738, 0.4153, 0.4262
Android (android.graphics.Color)	4288841286 (0xFFA28646)
YUV	135.0760, -32.0825, 23.6123
Hunter-Lab	50.1735, -0.5344, 24.0585

Details

The Yxy color **25.1738, 0.4153, 0.4262** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **12.6454, 0.2165, 0.2040**, and the grayscale version is **24.3699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9568, 0.3952, 0.4076**, and **9.7431, 0.4464, 0.4541** is the 20% darker color. If you saturate the color by 10%, you get **23.6663, 0.4346, 0.4392**, and if you desaturate by 10%, it is **26.8024, 0.3954, 0.4106**.

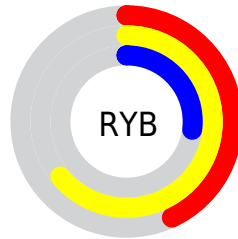
Distribution



Red (64%)

Green (53%)

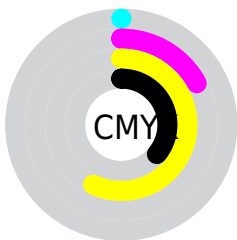
Blue (27%)



Red (43%)

Yellow (64%)

Blue (27%)

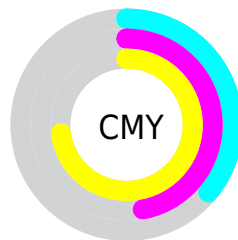


Cyan (0%)

Magenta (17%)

Yellow (57%)

Black (36%)



Cyan (36%)

Magenta (47%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1738, 0.4153, 0.4262 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 25.1738, 0.4153, 0.4262 by changing the saturation by 10% instead.


 25.1738, 0.4153,
0.4262


 25.1738, 0.4153,
0.4262


278.7024, 0.3606,
0.3751


 16.2066, 0.4292,
0.4387


 51.9390, 0.3950,
0.4075


 9.6705, 0.4465,
0.4540


 70.5059, 0.3874,
0.4005


 5.1810, 0.4693,
0.4734

 93.0413, 0.3811,
0.3945

 2.3539, 0.5009,
0.4991

 119.9299, 0.3757,
0.3895

 0.8020, 0.5075,
0.4925

 151.5558, 0.3711,
0.3851

 0.0000, 0.0000,
0.0000

188.3036, 0.3671,

0.3814

230.5577, 0.3636,
0.3781

■ 25.1738, 0.4153,
0.4262

■ 25.1738, 0.4153,
0.4262

■ 23.6663, 0.4346,
0.4392

■ 26.8024, 0.3954,
0.4106

■ 22.2709, 0.4525,
0.4485

■ 28.5534, 0.3758,
0.3934

■ 20.9826, 0.4680,
0.4534

■ 30.4324, 0.3569,
0.3756

■ 19.7927, 0.4808,
0.4536

■ 32.4437, 0.3392,
0.3577

■ 19.4254, 0.4847,
0.4533

■ 34.5911, 0.3229,
0.3403

■ 36.8785, 0.3081,
0.3238

■ 39.3092, 0.2947,
0.3083

■ 41.8867, 0.2827,
0.2938

■ 44.6142, 0.2720,
0.2805

Harmonies

Analogous

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



25.1738, 0.4421, 0.3824



25.1738, 0.4153, 0.4262



25.1738, 0.3622, 0.4486

Triad

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



25.1738, 0.4153, 0.4262



25.1738, 0.2069, 0.3072



25.1738, 0.3161, 0.2498

Complementary

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



25.1738, 0.4153, 0.4262



12.6454, 0.2165, 0.2040

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.



25.1738, 0.2554, 0.2301



25.1738, 0.4153, 0.4262



25.1738, 0.1977, 0.2565

Square

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



25.1738, 0.4153, 0.4262



25.1738, 0.2424, 0.3747



25.1738, 0.2143, 0.2312



25.1738, 0.3825, 0.2861

Rectangle

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



25.1738, 0.4153, 0.4262



25.1738, 0.3200, 0.4422



25.1738, 0.2143, 0.2312



25.1738, 0.2943, 0.2412

Sweetspot

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



25.1750, 0.4153, 0.4262



58.7016, 0.3401, 0.3587



12.9657, 0.4240, 0.2841



13.0253, 0.3434, 0.3620



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.



25.1750, 0.4153, 0.4262



42.3135, 0.4393, 0.4419



32.3117, 0.3744, 0.4702



7.8718, 0.3268, 0.3446



15.3837, 0.4840, 0.4539



0.4004, 0.4559, 0.4762

Inverse Universe

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



12.6454, 0.2165, 0.2040



17.4368, 0.1960, 0.1714



9.0101, 0.2220, 0.1584



7.1951, 0.2987, 0.3129



3.8731, 0.1622, 0.1039



0.1611, 0.1822, 0.1758

Previews

White Background



This preview shows how the Yxy color 25.1738, 0.4153, 0.4262 looks on a white background.

Color Contrast Check

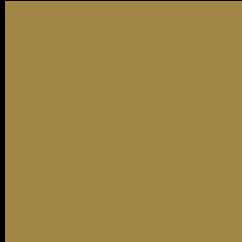
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1738, 0.4153, 0.4262 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 25.1738, 0.4153, 0.4262

Background



This preview shows how black text looks on a background with the Yxy color 25.1738, 0.4153, 0.4262.



This preview shows how white text looks on a background with the Yxy color 25.1738, 0.4153, 0.4262.

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

25.1738, 0.4153, 0.4262

Protanopia

25.3073, 0.3988, 0.4355

Deuteranopia

25.1225, 0.4255, 0.4173



Tritanopia

25.2811, 0.3516, 0.3154

Trichromacy



Original Color

25.1738, 0.4153, 0.4262

Protanomaly

25.4142, 0.4045, 0.4321

Deuteranomaly

25.0645, 0.4210, 0.4202

Tritanomaly

25.2421, 0.3769, 0.3572

Monochromacy



Original Color

25.1738, 0.4153, 0.4262

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4954, 0.3503, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1738, 0.4153, 0.4262 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, 134, 70)` looks like.

```
.text, #text, p{  
    color:rgb(162, 134, 70)  
}
```

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, 134, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 134, 70) }
```

Border

The CSS property to change the border of an element to Yxy 25.1738, 0.4153, 0.4262 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, 134, 70) }
```

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

```
.border{ border-color:rgb(162, 134, 70) }
```

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

Here you see how a box with a 4 pixel rgb(162, 134, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 134, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 134, 70);  
box-shadow:4px 4px 4px 4px rgb(162, 134,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1738, 0.4153, 0.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 134, 70) }
```

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

```
.background{ background-color: rgb(162,  
134, 70) }
```

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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