

Converting Colors

$Yxy(25.4254, 0.4821, 0.3535)$

Have a look what the booklet for
Yxy(25.4254, 0.4821, 0.3535)
contains.

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Color

Yxy(25.4834, 0.4812, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	D66B56
RGB	214, 107, 86
RGB Percent	84%, 42%, 34%
CMY	0.1608, 0.5804, 0.6627
CMYK	0.00, 0.50, 0.60, 0.16
HSL	10°, 61%, 59%
HSV	10°, 60%, 84%
XYZ	34.6695, 25.4834, 11.8951
YIQ	136.5990, 70.5130, 16.1530

Conversions

Conversions Part 2

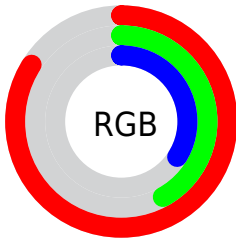
Format	Color
R _Y B	214, 111, 86
Decimal	14052182
CIE Lab	57.54, 40.25, 31.19
CIE LCh	58, 50.923, 37.770
Yxy	25.4834, 0.4812, 0.3537
Android (android.graphics.Color)	4292242262 (0xFFD66B56)
YUV	136.5990, -24.9453, 67.8807
Hunter-Lab	50.4811, 34.2488, 21.3659

Details

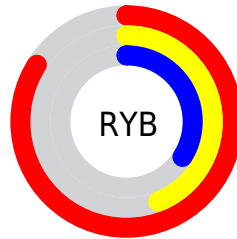
The Yxy color **25.4834, 0.4812, 0.3537** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **44.9720, 0.2329, 0.2989**, and the grayscale version is **24.9338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1792, 0.4285, 0.3544**, and **9.8516, 0.5385, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **21.8377, 0.5241, 0.3548**, and if you desaturate by 10%, it is **30.0067, 0.4410, 0.3507**.

Distribution



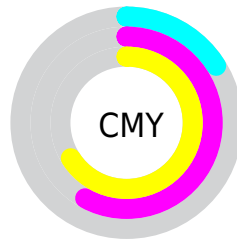
- Red (84%)
- Green (42%)
- Blue (34%)



- Red (84%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4834, 0.4812, 0.3537 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 25.4834, 0.4812, 0.3537 by changing the saturation by 10% instead.


 25.4834, 0.4812,
0.3537


 25.4834, 0.4812,
0.3537


280.2368, 0.3887,
0.3462


 16.4376, 0.5063,
0.3530


 52.4404, 0.4459,
0.3526

 9.8343, 0.5391,
0.3502


 71.1203, 0.4331,
0.3517

 5.2892, 0.5831,
0.3425

 93.7804, 0.4225,
0.3507

 2.4180, 0.6651,
0.3349

 120.8050, 0.4136,
0.3497

 0.8351, 0.7216,
0.2784

 152.5785, 0.4059,
0.3487

 0.0000, 1.0000,
0.0000

189.4854, 0.3994,

 0.0000, 0.0000,

0.3478

0.0000

231.9101, 0.3937,
0.3470

■ 25.4834, 0.4812,
0.3537

■ 25.4834, 0.4812,
0.3537

■ 21.8377, 0.5241,
0.3548

■ 30.0067, 0.4410,
0.3507

■ 19.0079, 0.5656,
0.3532

■ 35.4555, 0.4055,
0.3466

■ 16.9309, 0.6004,
0.3486

■ 41.8795, 0.3753,
0.3421

■ 15.5262, 0.6246,
0.3421

■ 49.3231, 0.3501,
0.3375

■ 15.5056, 0.6250,
0.3420

■ 57.8284, 0.3294,
0.3331

■ 67.4349, 0.3124,
0.3289

■ 78.1802, 0.2984,
0.3251

■ 89.9572, 0.2881,
0.3239

■ 93.0365, 0.2883,
0.3289

Harmonies

Analogous

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



25.4834, 0.4352, 0.2940



25.4834, 0.4812, 0.3537



25.4834, 0.4718, 0.4159

Triad

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



25.4834, 0.4812, 0.3537



25.4834, 0.2606, 0.4443



25.4834, 0.2032, 0.2005

Complementary

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



25.4834, 0.4812, 0.3537



44.9720, 0.2329, 0.2989

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.



25.4834, 0.1713, 0.2175



25.4834, 0.4812, 0.3537



25.4834, 0.1989, 0.3520

Square

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



25.4834, 0.4812, 0.3537



25.4834, 0.3410, 0.4895



25.4834, 0.1692, 0.2675



25.4834, 0.2652, 0.2106

Rectangle

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



25.4834, 0.4812, 0.3537



25.4834, 0.4398, 0.4541



25.4834, 0.1692, 0.2675



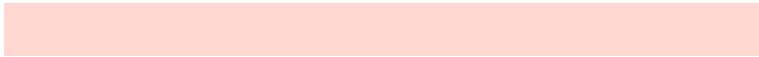
25.4834, 0.1892, 0.2029

Sweetspot

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



25.4848, 0.4812, 0.3537



75.3048, 0.3465, 0.3368



24.8831, 0.3409, 0.2075



15.3713, 0.3532, 0.3381



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.4848, 0.4812, 0.3537



31.1306, 0.5365, 0.3546



43.4192, 0.4281, 0.4259



12.7467, 0.3287, 0.3329



9.4734, 0.6230, 0.3436



0.6756, 0.5924, 0.3678

Inverse Universe

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



44.9720, 0.2329, 0.2989



62.3552, 0.2222, 0.2913



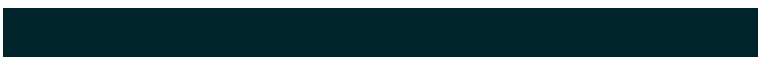
23.0125, 0.2113, 0.2021



13.7447, 0.2983, 0.3251



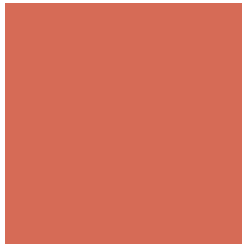
22.5233, 0.2101, 0.2762



1.4531, 0.2129, 0.2862

Previews

White Background



This preview shows how the Yxy color 25.4834, 0.4812, 0.3537 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 25.4834, 0.4812, 0.3537 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 25.4834, 0.4812, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 25.4834, 0.4812, 0.3537.



This preview shows how white text looks on a background with the Yxy color 25.4834, 0.4812, 0.3537.

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

25.4834, 0.4812, 0.3537

Protanopia

25.7557, 0.3665, 0.3953

Deuteranopia

25.5316, 0.4145, 0.4055



Tritanopia

25.6473, 0.4525, 0.3211

Trichromacy



Original Color

25.4834, 0.4812, 0.3537

Protanomaly

24.8711, 0.4086, 0.3786

Deuteranomaly

25.1047, 0.4389, 0.3846

Tritanomaly

25.5095, 0.4631, 0.3330

Monochromacy



Original Color

25.4834, 0.4812, 0.3537

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2290, 0.3702, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4834, 0.4812, 0.3537 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(214, 107, 86)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 86)  
}
```

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(214, 107, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 107, 86) }
```

Border

The CSS property to change the border of an element to Yxy 25.4834, 0.4812, 0.3537 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(214, 107, 86) }
```

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

```
.border{ border-color:rgb(214, 107, 86) }
```

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

Here you see how a box with a 4 pixel rgb(214, 107, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 107, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 107, 86);  
box-shadow:4px 4px 4px 4px rgb(214, 107,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4834, 0.4812, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 107, 86) }
```

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

```
.background{ background-color: rgb(214,  
107, 86) }
```

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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