

Converting Colors

$Y_{xy}(25.6818, 0.4964, 0.3523)$

Have a look what the booklet for
Yxy(25.6818, 0.4964, 0.3523)
contains.

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Color

Yxy(25.6818, 0.4964, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	DD6752
RGB	221, 103, 82
RGB Percent	87%, 40%, 32%
CMY	0.1334, 0.5960, 0.6785
CMYK	0.00, 0.53, 0.63, 0.13
HSL	9°, 67%, 59%
HSV	9°, 63%, 87%
XYZ	36.1863, 25.6818, 11.0294
YIQ	135.8880, 77.0690, 18.4850

Conversions

Conversions Part 2

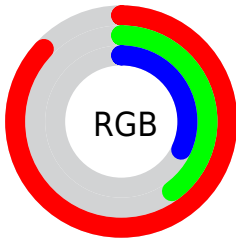
Format	Color
R_{YB}	221, 107, 82
Decimal	14509906
CIE _{Lab}	57.73, 44.57, 33.90
CIE _{LCh}	58, 55.994, 37.254
Yxy	25.6818, 0.4964, 0.3523
Android (android.graphics.Color)	4292699986 (0xFFDD6752)
YUV	135.8880, -26.5668, 74.6432
Hunter-Lab	50.6772, 38.7738, 22.5702

Details

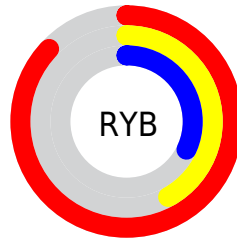
The Yxy color **25.6818, 0.4964, 0.3523** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **48.2910, 0.2305, 0.2996**, and the grayscale version is **24.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0399, 0.4341, 0.3553**, and **9.8822, 0.5584, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **22.0768, 0.5399, 0.3525**, and if you desaturate by 10%, it is **30.2345, 0.4544, 0.3501**.

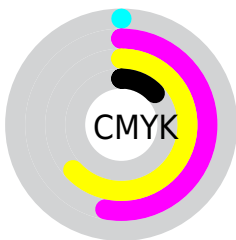
Distribution



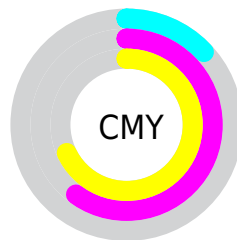
- Red (87%)
- Green (40%)
- Blue (32%)



- Red (87%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6818, 0.4964, 0.3523 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 25.6818, 0.4964, 0.3523 by changing the saturation by 10% instead.


 25.6818, 0.4964,
0.3523


 25.6818, 0.4964,
0.3523


281.2165, 0.3960,
0.3467


 16.5857, 0.5232,
0.3506


 52.7612, 0.4584,
0.3523


 9.9396, 0.5578,
0.3461


 71.5133, 0.4445,
0.3517


 5.3589, 0.6032,
0.3358

 94.2528, 0.4330,
0.3509

 2.4594, 0.6795,
0.3205

 121.3643, 0.4232,
0.3500

 0.8562, 0.7378,
0.2622

 153.2320, 0.4149,
0.3491

 0.0000, 1.0000,
0.0000

190.2403, 0.4078,

 0.0000, 0.0000,

0.3483

0.0000

232.7737, 0.4015,
0.3475

■ 25.6818, 0.4964,
0.3523

■ 25.6818, 0.4964,
0.3523

■ 22.0768, 0.5399,
0.3525

■ 30.2345, 0.4544,
0.3501

■ 19.3478, 0.5802,
0.3500

■ 35.7913, 0.4168,
0.3466

■ 17.4196, 0.6116,
0.3447

■ 42.4094, 0.3846,
0.3424

■ 16.4814, 0.6270,
0.3403

■ 50.1402, 0.3577,
0.3382

■ 59.0318, 0.3355,
0.3340

■ 69.1296, 0.3173,
0.3301

■ 80.4764, 0.3025,
0.3265

■ 92.8679, 0.2922,
0.3270

■ 94.1085, 0.2923,
0.3289

Harmonies

Analogous

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



25.6818, 0.4456, 0.2892



25.6818, 0.4964, 0.3523



25.6818, 0.4854, 0.4191

Triad

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



25.6818, 0.4964, 0.3523



25.6818, 0.2561, 0.4587



25.6818, 0.1936, 0.1906

Complementary

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



25.6818, 0.4964, 0.3523



48.2910, 0.2305, 0.2996

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.



25.6818, 0.1604, 0.2085



25.6818, 0.4964, 0.3523



25.6818, 0.1898, 0.3552

Square

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



25.6818, 0.4964, 0.3523



25.6818, 0.3430, 0.5061



25.6818, 0.1583, 0.2620



25.6818, 0.2592, 0.2012

Rectangle

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



25.6818, 0.4964, 0.3523



25.6818, 0.4500, 0.4617



25.6818, 0.1583, 0.2620



25.6818, 0.1790, 0.1931

Sweetspot

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



25.6832, 0.4964, 0.3523



73.7777, 0.3488, 0.3366



25.5770, 0.3428, 0.2026



15.0596, 0.3556, 0.3378



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.



25.6832, 0.4964, 0.3523



29.4038, 0.5514, 0.3521



45.6081, 0.4349, 0.4298



13.3681, 0.3288, 0.3326



9.6798, 0.6251, 0.3419



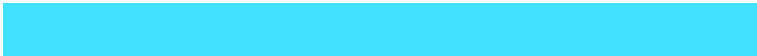
0.7294, 0.5974, 0.3638

Inverse Universe

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



48.2910, 0.2305, 0.2996



62.7204, 0.2210, 0.2927



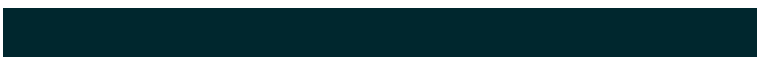
23.1464, 0.2061, 0.1940



14.4762, 0.2982, 0.3254



23.9468, 0.2112, 0.2804



1.6443, 0.2137, 0.2891

Previews

White Background



This preview shows how the Yxy color 25.6818, 0.4964, 0.3523 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 25.6818, 0.4964, 0.3523 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 25.6818, 0.4964, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 25.6818, 0.4964, 0.3523.



This preview shows how white text looks on a background with the Yxy color 25.6818, 0.4964, 0.3523.

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

25.6818, 0.4964, 0.3523

Protanopia

25.7938, 0.3709, 0.3999

Deuteranopia

25.8429, 0.4200, 0.4131



Tritanopia

25.6845, 0.4684, 0.3227

Trichromacy



Original Color

25.6818, 0.4964, 0.3523

Protanomaly

24.9071, 0.4165, 0.3807

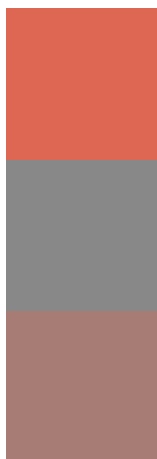
Deuteranomaly

25.2879, 0.4500, 0.3881

Tritanomaly

25.7000, 0.4799, 0.3339

Monochromacy



Original Color

25.6818, 0.4964, 0.3523

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8917, 0.3760, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6818, 0.4964, 0.3523 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(221, 103, 82)` looks like.

```
.text, #text, p{  
    color:rgb(221, 103, 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(221, 103, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 103, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.6818, 0.4964, 0.3523 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(221, 103, 82) }
```

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

```
.border{ border-color:rgb(221, 103, 82) }
```

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

Here you see how a box with a 4 pixel rgb(221, 103, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 103, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 103, 82);  
box-shadow:4px 4px 4px 4px rgb(221, 103,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6818, 0.4964, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 103, 82) }
```

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

```
.background{ background-color: rgb(221,  
103, 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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