

Converting Colors

$Y_{xy}(25.9610, 0.4967, 0.3521)$

Have a look what the booklet for
Yxy(25.9610, 0.4967, 0.3521)
contains.

Yxy(25.8393, 0.4974, 0.3521)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8393, 0.4974, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	DE6752
RGB	222, 103, 82
RGB Percent	87%, 40%, 32%
CMY	0.1293, 0.5961, 0.6785
CMYK	0.00, 0.54, 0.63, 0.13
HSL	9°, 68%, 60%
HSV	9°, 63%, 87%
XYZ	36.5023, 25.8393, 11.0446
YIQ	136.1870, 77.6650, 18.6970

Conversions

Conversions Part 2

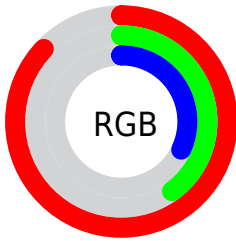
Format	Color
R_{YB}	222, 107, 82
Decimal	14575442
CIE _{Lab}	57.88, 44.97, 34.11
CIE _{LCh}	58, 56.446, 37.181
Yxy	25.8393, 0.4974, 0.3521
Android (android.graphics.Color)	4292765522 (0xFFDE6752)
YUV	136.1870, -26.7142, 75.2580
Hunter-Lab	50.8324, 39.2228, 22.7004

Details

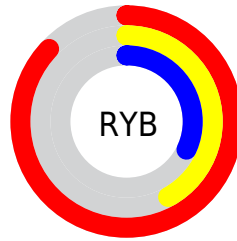
The Yxy color **25.8393, 0.4974, 0.3521** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **48.8534, 0.2304, 0.2997**, and the grayscale version is **24.7740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0399, 0.4341, 0.3553**, and **9.9856, 0.5593, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **22.2160, 0.5410, 0.3522**, and if you desaturate by 10%, it is **30.4220, 0.4553, 0.3499**.

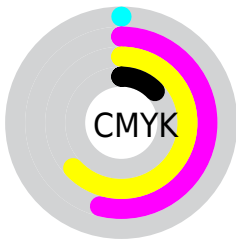
Distribution



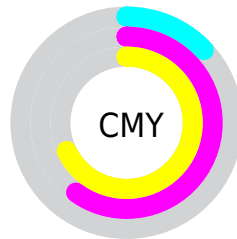
- Red (87%)
- Green (40%)
- Blue (32%)



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



- Cyan (0%)
- Magenta (54%)
- Yellow (63%)
- Black (13%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8393, 0.4974, 0.3521 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 25.8393, 0.4974, 0.3521 by changing the saturation by 10% instead.


 25.8393, 0.4974,
0.3521


 25.8393, 0.4974,
0.3521

281.9923, 0.3966,
0.3467


 16.7035, 0.5242,
0.3503


 53.0156, 0.4592,
0.3522

 10.0233, 0.5589,
0.3457


 71.8248, 0.4453,
0.3516

 5.4144, 0.6043,
0.3353

 94.6273, 0.4337,
0.3508

 2.4924, 0.6802,
0.3198

 121.8074, 0.4239,
0.3500

 0.8728, 0.7382,
0.2618

 153.7496, 0.4156,
0.3491

 0.0000, 1.0000,
0.0000

190.8382, 0.4084,

 0.0000, 0.0000,

0.3483

0.0000

233.4577, 0.4021,
0.3475

■ 25.8393, 0.4974,
0.3521

■ 25.8393, 0.4974,
0.3521

■ 22.2160, 0.5410,
0.3522

■ 30.4220, 0.4553,
0.3499

■ 19.4791, 0.5812,
0.3497

■ 36.0218, 0.4175,
0.3465

■ 17.5518, 0.6123,
0.3443

■ 42.6965, 0.3851,
0.3424

■ 16.6371, 0.6273,
0.3401

■ 50.4988, 0.3581,
0.3382

■ 59.4775, 0.3359,
0.3340

■ 69.6787, 0.3176,
0.3301

■ 81.1460, 0.3027,
0.3266

■ 93.6203, 0.2929,
0.3279

■ 94.2731, 0.2929,
0.3289

Harmonies

Analogous

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



25.8393, 0.4462, 0.2888



25.8393, 0.4974, 0.3521



25.8393, 0.4863, 0.4192

Triad

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



25.8393, 0.4974, 0.3521



25.8393, 0.2559, 0.4598



25.8393, 0.1928, 0.1900

Complementary

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



25.8393, 0.4974, 0.3521



48.8534, 0.2304, 0.2997

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.



25.8393, 0.1596, 0.2079



25.8393, 0.4974, 0.3521



25.8393, 0.1892, 0.3556

Square

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



25.8393, 0.4974, 0.3521



25.8393, 0.3432, 0.5072



25.8393, 0.1576, 0.2617



25.8393, 0.2586, 0.2005

Rectangle

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



25.8393, 0.4974, 0.3521



25.8393, 0.4508, 0.4621



25.8393, 0.1576, 0.2617



25.8393, 0.1782, 0.1925

Sweetspot

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



25.8407, 0.4974, 0.3521



73.7426, 0.3489, 0.3365



25.8952, 0.3401, 0.2003



15.0513, 0.3556, 0.3377



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.



25.8407, 0.4974, 0.3521



28.9554, 0.5558, 0.3517



45.1465, 0.4372, 0.4277



14.0305, 0.3288, 0.3326



9.9802, 0.6254, 0.3416



0.7971, 0.5995, 0.3622

Inverse Universe

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



48.8534, 0.2304, 0.2997



62.5785, 0.2205, 0.2925



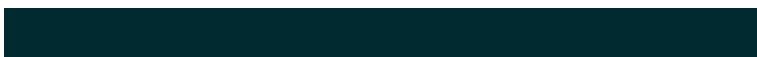
23.9361, 0.2067, 0.1971



15.2037, 0.2982, 0.3254



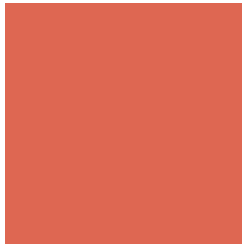
24.8072, 0.2114, 0.2809



1.8158, 0.2136, 0.2890

Previews

White Background



This preview shows how the Yxy color 25.8393, 0.4974, 0.3521 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 25.8393, 0.4974, 0.3521 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 25.8393, 0.4974, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 25.8393, 0.4974, 0.3521.



This preview shows how white text looks on a background with the Yxy color 25.8393, 0.4974, 0.3521.

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

25.8393, 0.4974, 0.3521

Protanopia

25.8891, 0.3721, 0.3996

Deuteranopia

25.9548, 0.4211, 0.4127



Tritanopia

25.8429, 0.4694, 0.3227

Trichromacy



Original Color

25.8393, 0.4974, 0.3521

Protanomaly

25.0242, 0.4177, 0.3804

Deuteranomaly

25.4163, 0.4512, 0.3878

Tritanomaly

25.8584, 0.4809, 0.3339

Monochromacy



Original Color

25.8393, 0.4974, 0.3521

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 25.8393, 0.4974, 0.3521 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(222, 103, 82)` looks like.

```
.text, #text, p{  
  color:rgb(222, 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(222, 103, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 103, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.8393, 0.4974, 0.3521 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(222, 103, 82) }
```

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

```
.border{ border-color:rgb(222, 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(222, 103, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 103, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 103, 82);  
box-shadow:4px 4px 4px 4px rgb(222, 103,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8393, 0.4974, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 103, 82) }
```

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

```
.background{ background-color: rgb(222,  
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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