

Converting Colors

$Y_{xy}(25.3991, 0.5075, 0.3648)$

Have a look what the booklet for
Yxy(25.3991, 0.5075, 0.3648)
contains.

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Color

Yxy(25.4029, 0.5074, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	DB6846
RGB	219, 104, 70
RGB Percent	86%, 41%, 27%
CMY	0.1412, 0.5921, 0.7256
CMYK	0.00, 0.52, 0.68, 0.14
HSL	14°, 67%, 57%
HSV	14°, 68%, 86%
XYZ	35.2652, 25.4029, 8.8337
YIQ	134.5090, 79.4540, 13.8060

Conversions

Conversions Part 2

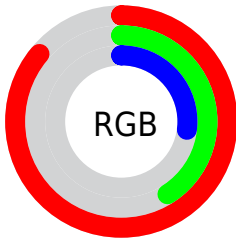
Format	Color
R _Y B	219, 114, 70
Decimal	14379078
CIE Lab	57.47, 42.62, 40.08
CIE LCh	57, 58.509, 43.242
Yxy	25.4029, 0.5074, 0.3655
Android (android.graphics.Color)	4292569158 (0xFFDB6846)
YUV	134.5090, -31.8029, 74.0986
Hunter-Lab	50.4013, 36.6921, 24.8893

Details

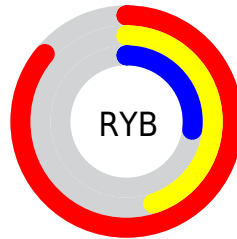
The Yxy color **25.4029, 0.5074, 0.3655** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **41.0850, 0.2221, 0.2796**, and the grayscale version is **24.1362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0456, 0.4459, 0.3693**, and **9.7910, 0.5692, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **22.1085, 0.5473, 0.3649**, and if you desaturate by 10%, it is **29.4822, 0.4673, 0.3630**.

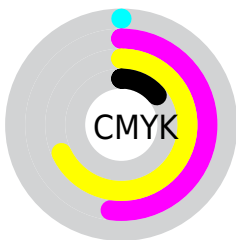
Distribution



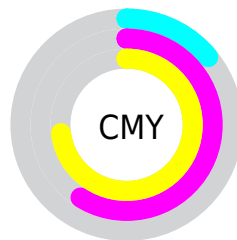
- Red (86%)
- Green (41%)
- Blue (27%)



- Red (86%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (68%)
- Black (14%)





- Cyan (14%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4029, 0.5074, 0.3655 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 25.4029, 0.5074, 0.3655 by changing the saturation by 10% instead.


 25.4029, 0.5074,
0.3655


 25.4029, 0.5074,
0.3655


279.8385, 0.4019,
0.3545


 16.3775, 0.5347,
0.3644


 52.3101, 0.4679,
0.3641

 9.7917, 0.5693,
0.3600


 70.9607, 0.4533,
0.3627


 5.2610, 0.6158,
0.3503

 93.5884, 0.4411,
0.3612

 2.4012, 0.6739,
0.3261

 120.5777, 0.4308,
0.3597

 0.8265, 0.7322,
0.2678

 152.3130, 0.4220,
0.3583

 0.0000, 1.0000,
0.0000

189.1786, 0.4144,

 0.0000, 0.0000,

0.3570

0.0000

231.5590, 0.4077,
0.3557

■ 25.4029, 0.5074,
0.3655

■ 25.4029, 0.5074,
0.3655

■ 22.1085, 0.5473,
0.3649

■ 29.4822, 0.4673,
0.3630

■ 19.5424, 0.5827,
0.3603

■ 34.3897, 0.4302,
0.3582


■ 17.6441, 0.6094,
0.3523

■ 40.1701, 0.3974,
0.3524


■ 17.3423, 0.6139,
0.3508


■ 46.8639, 0.3693,
0.3460

■ 54.5087, 0.3457,
0.3397

 63.1402, 0.3261,
0.3336

 72.7921, 0.3098,
0.3279

 83.4966, 0.2962,
0.3227

 93.7977, 0.2911,
0.3289

Harmonies

Analogous

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



25.4029, 0.4675, 0.2994



25.4029, 0.5074, 0.3655



25.4029, 0.4830, 0.4349

Triad

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



25.4029, 0.5074, 0.3655



25.4029, 0.2367, 0.4466



25.4029, 0.1996, 0.1854

Complementary

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



25.4029, 0.5074, 0.3655



41.0850, 0.2221, 0.2796

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.



25.4029, 0.1590, 0.1971



25.4029, 0.5074, 0.3655



25.4029, 0.1750, 0.3337

Square

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



25.4029, 0.5074, 0.3655



25.4029, 0.3245, 0.5125



25.4029, 0.1502, 0.2439



25.4029, 0.2741, 0.2017

Rectangle

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



25.4029, 0.5074, 0.3655



25.4029, 0.4404, 0.4782



25.4029, 0.1502, 0.2439



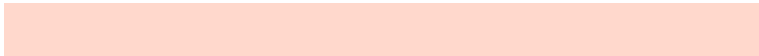
25.4029, 0.1824, 0.1860

Sweetspot

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



25.4043, 0.5074, 0.3655



74.5541, 0.3504, 0.3410



23.0092, 0.3585, 0.2045



15.2907, 0.3569, 0.3428



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.



25.4043, 0.5074, 0.3655



29.4052, 0.5646, 0.3632



46.8506, 0.4370, 0.4451



13.5318, 0.3286, 0.3344



10.4222, 0.6115, 0.3527



0.8063, 0.5795, 0.3780

Inverse Universe

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



41.0850, 0.2221, 0.2796



52.5306, 0.2113, 0.2672



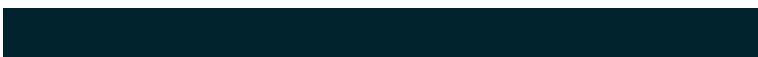
18.0451, 0.1946, 0.1662



14.2987, 0.2982, 0.3235



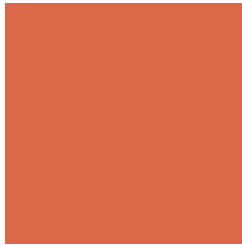
20.0213, 0.2039, 0.2539



1.4229, 0.2077, 0.2676

Previews

White Background



This preview shows how the Yxy color 25.4029, 0.5074, 0.3655 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 25.4029, 0.5074, 0.3655 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 25.4029, 0.5074, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 25.4029, 0.5074, 0.3655.



This preview shows how white text looks on a background with the Yxy color 25.4029, 0.5074, 0.3655.

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

25.4029, 0.5074, 0.3655

Protanopia

25.7498, 0.3876, 0.4210

Deuteranopia

25.5306, 0.4335, 0.4261



Tritanopia

25.3364, 0.4680, 0.3215

Trichromacy



Original Color

25.4029, 0.5074, 0.3655

Protanomaly

24.7019, 0.4312, 0.3984

Deuteranomaly

25.0038, 0.4615, 0.4023

Tritanomaly

25.3133, 0.4833, 0.3384

Monochromacy



Original Color

25.4029, 0.5074, 0.3655

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6700, 0.3810, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4029, 0.5074, 0.3655 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(219, 104, 70)` looks like.

```
.text, #text, p{  
    color:rgb(219, 104, 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(219, 104, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 104, 70) }
```

Border

The CSS property to change the border of an element to Yxy 25.4029, 0.5074, 0.3655 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(219, 104, 70) }
```

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

```
.border{ border-color:rgb(219, 104, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 104, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 104, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 104, 70);  
box-shadow:4px 4px 4px 4px rgb(219, 104,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4029, 0.5074, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 104, 70) }
```

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

```
.background{ background-color: rgb(219,  
104, 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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