

Converting Colors

$Y_{xy}(25.6799, 0.5004, 0.3613)$

Have a look what the booklet for
Yxy(25.6799, 0.5004, 0.3613)
contains.

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Color

Yxy(25.6850, 0.4997, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	DB694C
RGB	219, 105, 76
RGB Percent	86%, 41%, 30%
CMY	0.1413, 0.5881, 0.7020
CMYK	0.00, 0.52, 0.65, 0.14
HSL	12°, 66%, 58%
HSV	12°, 65%, 86%
XYZ	35.5633, 25.6850, 9.9210
YIQ	135.7800, 77.2530, 15.1490

Conversions

Conversions Part 2

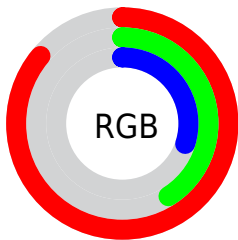
Format	Color
R_{YB}	219, 112, 76
Decimal	14379340
CIE _{Lab}	57.74, 42.46, 37.14
CIE _{LCh}	58, 56.411, 41.171
Yxy	25.6850, 0.4997, 0.3609
Android (android.graphics.Color)	4292569420 (0xFFDB694C)
YUV	135.7800, -29.4715, 72.9839
Hunter-Lab	50.6804, 36.5659, 23.8699

Details

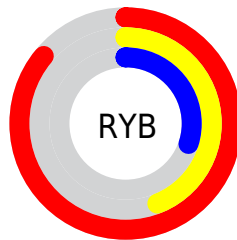
The Yxy color **25.6850, 0.4997, 0.3609** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **43.4530, 0.2260, 0.2874**, and the grayscale version is **24.6274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5626, 0.4387, 0.3635**, and **9.9090, 0.5607, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **22.2331, 0.5411, 0.3609**, and if you desaturate by 10%, it is **29.9728, 0.4591, 0.3582**.

Distribution



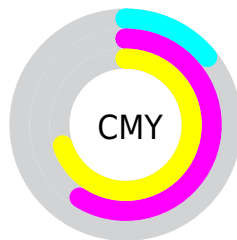
- Red (86%)
- Green (41%)
- Blue (30%)



- Red (86%)
- Yellow (44%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (14%)




- Cyan (14%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6850, 0.4997, 0.3609 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 25.6850, 0.4997, 0.3609 by changing the saturation by 10% instead.


 25.6850, 0.4997,
0.3609


 25.6850, 0.4997,
0.3609


281.2323, 0.3980,
0.3514


 16.5881, 0.5264,
0.3599


 52.7663, 0.4614,
0.3597


 9.9413, 0.5606,
0.3560


 71.5196, 0.4473,
0.3585

 5.3600, 0.6054,
0.3463

 94.2604, 0.4356,
0.3572

 2.4600, 0.6721,
0.3279

 121.3733, 0.4257,
0.3559

 0.8565, 0.7293,
0.2707

 153.2425, 0.4173,
0.3547

 0.0000, 1.0000,
0.0000

190.2525, 0.4100,

 0.0000, 0.0000,

0.3535

0.0000

232.7876, 0.4036,
0.3524

■ 25.6850, 0.4997,
0.3609

■ 25.6850, 0.4997,
0.3609

■ 22.2331, 0.5411,
0.3609

■ 29.9728, 0.4591,
0.3582

■ 19.5571, 0.5788,
0.3575

■ 35.1429, 0.4222,
0.3537


■ 17.5948, 0.6080,
0.3505


■ 41.2432, 0.3900,
0.3483


■ 16.8912, 0.6187,
0.3469

■ 48.3168, 0.3628,
0.3426

■ 56.4041, 0.3401,
0.3370

 65.5432, 0.3213,
0.3317

 75.7703, 0.3058,
0.3267

 87.1196, 0.2929,
0.3222

 93.7957, 0.2911,
0.3289

Harmonies

Analogous

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



25.6850, 0.4565, 0.2967



25.6850, 0.4997, 0.3609



25.6850, 0.4809, 0.4281

Triad

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



25.6850, 0.4997, 0.3609



25.6850, 0.2452, 0.4480



25.6850, 0.1995, 0.1897

Complementary

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



25.6850, 0.4997, 0.3609



43.4530, 0.2260, 0.2874

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.



25.6850, 0.1621, 0.2035



25.6850, 0.4997, 0.3609



25.6850, 0.1827, 0.3413

Square

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



25.6850, 0.4997, 0.3609



25.6850, 0.3313, 0.5060



25.6850, 0.1558, 0.2521



25.6850, 0.2697, 0.2037

Rectangle

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



25.6850, 0.4997, 0.3609



25.6850, 0.4419, 0.4700



25.6850, 0.1558, 0.2521



25.6850, 0.1835, 0.1910

Sweetspot

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



25.6864, 0.4997, 0.3609



73.8922, 0.3506, 0.3397



23.9591, 0.3531, 0.2057



15.1346, 0.3572, 0.3413



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.



25.6864, 0.4997, 0.3609



30.0003, 0.5545, 0.3602



46.6599, 0.4339, 0.4397



13.4775, 0.3287, 0.3338



10.1440, 0.6164, 0.3488



0.7808, 0.5852, 0.3735

Inverse Universe

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



43.4530, 0.2260, 0.2874



56.4707, 0.2156, 0.2774



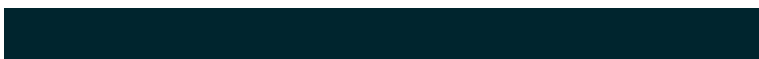
19.8178, 0.1999, 0.1772



14.3571, 0.2982, 0.3241



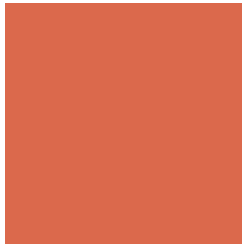
21.2659, 0.2063, 0.2628



1.4937, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 25.6850, 0.4997, 0.3609 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 25.6850, 0.4997, 0.3609 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 25.6850, 0.4997, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 25.6850, 0.4997, 0.3609.



This preview shows how white text looks on a background with the Yxy color 25.6850, 0.4997, 0.3609.

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

25.6850, 0.4997, 0.3609

Protanopia

25.8452, 0.3816, 0.4119

Deuteranopia

25.8752, 0.4270, 0.4203



Tritanopia

25.7622, 0.4639, 0.3215

Trichromacy



Original Color

25.6850, 0.4997, 0.3609

Protanomaly

25.0489, 0.4238, 0.3918

Deuteranomaly

25.3252, 0.4544, 0.3969

Tritanomaly

25.5629, 0.4785, 0.3362

Monochromacy



Original Color

25.6850, 0.4997, 0.3609

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9891, 0.3768, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6850, 0.4997, 0.3609 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, 105, 76)` looks like.

```
.text, #text, p{  
    color:rgb(219, 105, 76)  
}
```

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, 105, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 105, 76) }
```

Border

The CSS property to change the border of an element to Yxy 25.6850, 0.4997, 0.3609 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, 105, 76) }
```

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

```
.border{ border-color:rgb(219, 105, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 105, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 105, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 105, 76);  
box-shadow:4px 4px 4px 4px rgb(219, 105,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6850, 0.4997, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 105, 76) }
```

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

```
.background{ background-color: rgb(219,  
105, 76) }
```

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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