

Converting Colors

$Y_{xy}(26.5988, 0.4875, 0.3686)$

Have a look what the booklet for
Yxy(26.5988, 0.4875, 0.3686)
contains.

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Color

Yxy(26.5712, 0.4881, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	D7704D
RGB	215, 112, 77
RGB Percent	84%, 44%, 30%
CMY	0.1569, 0.5607, 0.6980
CMYK	0.00, 0.48, 0.64, 0.16
HSL	15°, 63%, 57%
HSV	15°, 64%, 84%
XYZ	35.1570, 26.5712, 10.3000
YIQ	138.8070, 72.6230, 10.9510

Conversions

Conversions Part 2

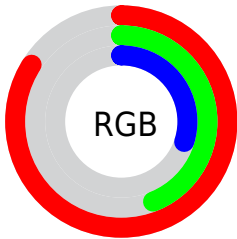
Format	Color
R _Y B	215, 124, 77
Decimal	14118989
CIE Lab	58.58, 37.47, 37.45
CIE LCh	59, 52.977, 44.983
Yxy	26.5712, 0.4881, 0.3689
Android (android.graphics.Color)	4292309069 (0xFFD7704D)
YUV	138.8070, -30.4709, 66.8213
Hunter-Lab	51.5473, 31.5353, 24.2359

Details

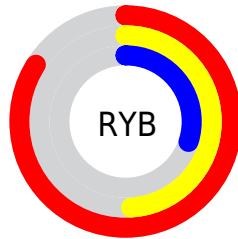
The Yxy color **26.5712, 0.4881, 0.3689** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **39.1269, 0.2245, 0.2776**, and the grayscale version is **25.8409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7026, 0.4341, 0.3687**, and **10.4050, 0.5448, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **23.0859, 0.5274, 0.3700**, and if you desaturate by 10%, it is **30.7908, 0.4500, 0.3648**.

Distribution



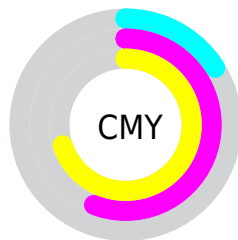
- Red (84%)
- Green (44%)
- Blue (30%)



- Red (84%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (48%)
- Yellow (64%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5712, 0.4881, 0.3689 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 26.5712, 0.4881, 0.3689 by changing the saturation by 10% instead.


 26.5712, 0.4881,
0.3689


 26.5712, 0.4881,
0.3689


285.5749, 0.3931,
0.3544


 17.2514, 0.5129,
0.3695


 54.1950, 0.4524,
0.3656

 10.4139, 0.5448,
0.3679


 73.2679, 0.4393,
0.3637

 5.6743, 0.5861,
0.3613

 96.3605, 0.4284,
0.3619

 2.6480, 0.6507,
0.3493

 123.8574, 0.4191,
0.3602

 0.9509, 0.7022,
0.2978

 156.1429, 0.4112,
0.3586

 0.0000, 1.0000,
0.0000

193.6014, 0.4044,

 0.0000, 0.0000,

0.3571

0.0000

236.6172, 0.3984,
0.3557

■ 26.5712, 0.4881,
0.3689

■ 26.5712, 0.4881,
0.3689

■ 23.0859, 0.5274,
0.3700

■ 30.7908, 0.4500,
0.3648

■ 20.2867, 0.5643,
0.3672

■ 35.7803, 0.4153,
0.3589

■ 18.1259, 0.5944,
0.3601

■ 41.5782, 0.3851,
0.3521

■ 17.1334, 0.6085,
0.3550

■ 48.2188, 0.3592,
0.3451

■ 55.7346, 0.3375,
0.3382

■ 64.1563, 0.3194,
0.3316

■ 73.5131, 0.3042,
0.3255

■ 83.8326, 0.2916,
0.3200

■ 93.1859, 0.2889,
0.3289

Harmonies

Analogous

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



26.5712, 0.4545, 0.3070



26.5712, 0.4881, 0.3689



26.5712, 0.4654, 0.4319

Triad

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



26.5712, 0.4881, 0.3689



26.5712, 0.2413, 0.4272



26.5712, 0.2132, 0.1979

Complementary

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



26.5712, 0.4881, 0.3689



39.1269, 0.2245, 0.2776

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.



26.5712, 0.1734, 0.2080



26.5712, 0.4881, 0.3689



26.5712, 0.1858, 0.3289

Square

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



26.5712, 0.4881, 0.3689



26.5712, 0.3209, 0.4895



26.5712, 0.1638, 0.2500



26.5712, 0.2834, 0.2142

Rectangle

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



26.5712, 0.4881, 0.3689



26.5712, 0.4267, 0.4688



26.5712, 0.1638, 0.2500



26.5712, 0.1965, 0.1981

Sweetspot

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



26.5726, 0.4881, 0.3689



76.3214, 0.3479, 0.3416



23.0718, 0.3612, 0.2139



15.6640, 0.3543, 0.3436



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.



26.5726, 0.4881, 0.3689



32.3919, 0.5410, 0.3695



47.8262, 0.4261, 0.4451



12.9276, 0.3285, 0.3350



10.3930, 0.6060, 0.3571



0.7604, 0.5715, 0.3844

Inverse Universe

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



39.1269, 0.2245, 0.2776



51.8988, 0.2128, 0.2647



17.9653, 0.1994, 0.1700



13.5497, 0.2982, 0.3229



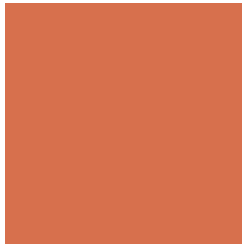
18.2479, 0.2014, 0.2452



1.2293, 0.2059, 0.2614

Previews

White Background



This preview shows how the Yxy color 26.5712, 0.4881, 0.3689 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 26.5712, 0.4881, 0.3689 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 26.5712, 0.4881, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 26.5712, 0.4881, 0.3689.



This preview shows how white text looks on a background with the Yxy color 26.5712, 0.4881, 0.3689.

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

26.5712, 0.4881, 0.3689

Protanopia

26.6244, 0.3827, 0.4140

Deuteranopia

26.7945, 0.4267, 0.4190



Tritanopia

26.5049, 0.4461, 0.3199

Trichromacy



Original Color

26.5712, 0.4881, 0.3689

Protanomaly

25.8355, 0.4213, 0.3960

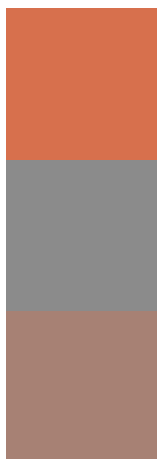
Deuteranomaly

26.4920, 0.4495, 0.3994

Tritanomaly

26.4758, 0.4625, 0.3389

Monochromacy



Original Color

26.5712, 0.4881, 0.3689

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1770, 0.3737, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5712, 0.4881, 0.3689 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(215, 112, 77)` looks like.

```
.text, #text, p{  
    color:rgb(215, 112, 77)  
}
```

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(215, 112, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 112, 77) }
```

Border

The CSS property to change the border of an element to Yxy 26.5712, 0.4881, 0.3689 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(215, 112, 77) }
```

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

```
.border{ border-color:rgb(215, 112, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 112, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 112, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 112, 77);  
box-shadow:4px 4px 4px 4px rgb(215, 112,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5712, 0.4881, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 112, 77) }
```

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

```
.background{ background-color: rgb(215,  
112, 77) }
```

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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