

Converting Colors

$Yxy(27.3042, 0.4828, 0.3712)$

Have a look what the booklet for
Yxy(27.3042, 0.4828, 0.3712)
contains.

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Color

Yxy(27.2731, 0.4831, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	D7734F
RGB	215, 115, 79
RGB Percent	84%, 45%, 31%
CMY	0.1568, 0.5491, 0.6902
CMYK	0.00, 0.47, 0.63, 0.16
HSL	16°, 63%, 58%
HSV	16°, 63%, 84%
XYZ	35.5714, 27.2731, 10.7870
YIQ	140.7960, 71.1560, 10.0040

Conversions

Conversions Part 2

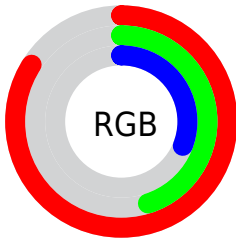
Format	Color
R_{YB}	215, 128, 79
Decimal	14119759
CIE _{Lab}	59.23, 36.07, 37.16
CIE _{LCh}	59, 51.786, 45.850
Yxy	27.2731, 0.4831, 0.3704
Android (android.graphics.Color)	4292309839 (0xFFD7734F)
YUV	140.7960, -30.4654, 65.0769
Hunter-Lab	52.2237, 30.1912, 24.3100

Details

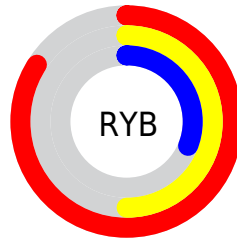
The Yxy color **27.2731, 0.4831, 0.3704** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **38.8237, 0.2249, 0.2762**, and the grayscale version is **26.6529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8502, 0.4305, 0.3698**, and **10.7452, 0.5377, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **23.7084, 0.5219, 0.3720**, and if you desaturate by 10%, it is **31.5605, 0.4457, 0.3659**.

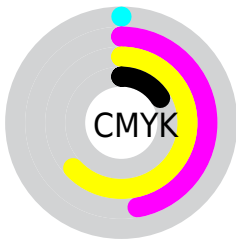
Distribution



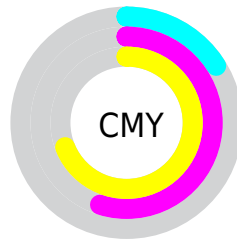
- Red (84%)
- Green (45%)
- Blue (31%)



- Red (84%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (47%)
- Yellow (63%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2731, 0.4831, 0.3704 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 27.2731, 0.4831, 0.3704 by changing the saturation by 10% instead.


 27.2731, 0.4831,
0.3704

 27.2731, 0.4831,
0.3704


288.9770, 0.3911,
0.3548


 17.7784, 0.5071,
0.3715


 55.3218, 0.4486,
0.3666


 10.7910, 0.5379,
0.3706


 74.6446, 0.4359,
0.3645

 5.9265, 0.5777,
0.3653


 98.0123, 0.4253,
0.3626

 2.8004, 0.6431,
0.3569

 125.8092, 0.4163,
0.3608

 1.0285, 0.6918,
0.3082

 158.4197, 0.4087,
0.3591

 0.0000, 1.0000,
0.0000

196.2282, 0.4020,

 0.0000, 0.0000,

0.3575

0.0000

239.6192, 0.3962,
0.3561

■ 27.2731, 0.4831,
0.3704

■ 27.2731, 0.4831,
0.3704

■ 23.7084, 0.5219,
0.3720

■ 31.5605, 0.4457,
0.3659

■ 20.8204, 0.5588,
0.3697

■ 36.6045, 0.4118,
0.3596

■ 18.5638, 0.5896,
0.3630

■ 42.4419, 0.3822,
0.3524

■ 17.3659, 0.6061,
0.3569

■ 49.1055, 0.3569,
0.3451

■ 56.6266, 0.3357,
0.3379

■ 65.0345, 0.3179,
0.3311

■ 74.3573, 0.3030,
0.3248

■ 84.6218, 0.2905,
0.3191

■ 93.1904, 0.2889,
0.3289

Harmonies

Analogous

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



27.2731, 0.4519, 0.3097



27.2731, 0.4831, 0.3704



27.2731, 0.4602, 0.4316

Triad

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



27.2731, 0.4831, 0.3704



27.2731, 0.2417, 0.4213



27.2731, 0.2175, 0.2013

Complementary

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



27.2731, 0.4831, 0.3704



38.8237, 0.2249, 0.2762

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.



27.2731, 0.1776, 0.2105



27.2731, 0.4831, 0.3704



27.2731, 0.1882, 0.3266

Square

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



27.2731, 0.4831, 0.3704



27.2731, 0.3188, 0.4832



27.2731, 0.1674, 0.2509



27.2731, 0.2868, 0.2179

Rectangle

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



27.2731, 0.4831, 0.3704



27.2731, 0.4222, 0.4666



27.2731, 0.1674, 0.2509



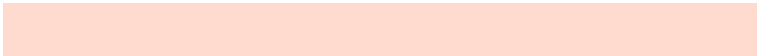
27.2731, 0.2008, 0.2013

Sweetspot

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



27.2745, 0.4831, 0.3704



76.5988, 0.3478, 0.3421



23.3798, 0.3603, 0.2150



15.7301, 0.3542, 0.3442



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.



27.2745, 0.4831, 0.3704



33.2927, 0.5352, 0.3717



48.0698, 0.4245, 0.4439



12.9499, 0.3285, 0.3352



10.5335, 0.6035, 0.3590



0.7715, 0.5690, 0.3864

Inverse Universe

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



38.8237, 0.2249, 0.2762



51.2731, 0.2128, 0.2628



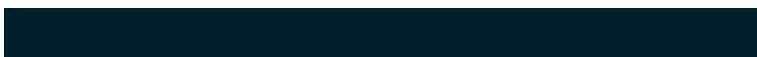
18.3820, 0.2009, 0.1726



13.5260, 0.2982, 0.3227



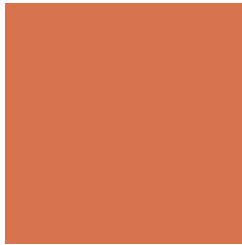
17.7659, 0.2004, 0.2413



1.2036, 0.2051, 0.2582

Previews

White Background



This preview shows how the Yxy color 27.2731, 0.4831, 0.3704 looks on a white background.

Color Contrast Check

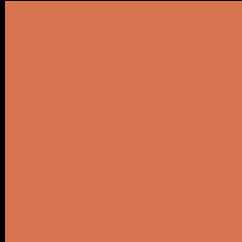
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2731, 0.4831, 0.3704 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 27.2731, 0.4831, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 27.2731, 0.4831, 0.3704.



This preview shows how white text looks on a background with the Yxy color 27.2731, 0.4831, 0.3704.

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

27.2731, 0.4831, 0.3704

Protanopia

27.4341, 0.3828, 0.4145

Deuteranopia

27.3464, 0.4253, 0.4157



Tritanopia

27.2116, 0.4403, 0.3198

Trichromacy



Original Color

27.2731, 0.4831, 0.3704

Protanomaly

26.7780, 0.4189, 0.3984

Deuteranomaly

26.9073, 0.4476, 0.3980

Tritanomaly

27.1867, 0.4564, 0.3389

Monochromacy



Original Color

27.2731, 0.4831, 0.3704

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1354, 0.3713, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2731, 0.4831, 0.3704 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, 115, 79)` looks like.

```
.text, #text, p{  
    color:rgb(215, 115, 79)  
}
```

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, 115, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 115, 79) }
```

Border

The CSS property to change the border of an element to Yxy 27.2731, 0.4831, 0.3704 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, 115, 79) }
```

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

```
.border{ border-color:rgb(215, 115, 79) }
```

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

Here you see how a box with a 4 pixel rgb(215, 115, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 115, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 115, 79);  
box-shadow:4px 4px 4px 4px rgb(215, 115,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2731, 0.4831, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 115, 79) }
```

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

```
.background{ background-color: rgb(215,  
115, 79) }
```

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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