

Converting Colors

$Yxy(27.8715, 0.4704, 0.3554)$

Have a look what the booklet for
Yxy(27.8715, 0.4704, 0.3554)
contains.

Yxy(27.9396, 0.4711, 0.3560)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.9396, 0.4711, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	DA735C
RGB	218, 115, 92
RGB Percent	85%, 45%, 36%
CMY	0.1452, 0.5490, 0.6392
CMYK	0.00, 0.47, 0.58, 0.15
HSL	11°, 63%, 61%
HSV	11°, 58%, 85%
XYZ	36.9729, 27.9396, 13.5695
YIQ	143.1750, 68.7710, 14.6830

Conversions

Conversions Part 2

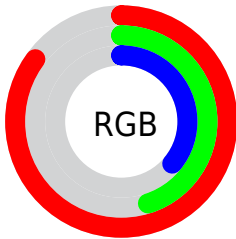
Format	Color
R _Y B	218, 120, 92
Decimal	14316380
CIE Lab	59.83, 38.12, 30.85
CIE LCh	60, 49.040, 38.980
Yxy	27.9396, 0.4711, 0.3560
Android (android.graphics.Color)	4292506460 (0xFFDA735C)
YUV	143.1750, -25.2293, 65.6215
Hunter-Lab	52.8579, 32.3552, 21.7798

Details

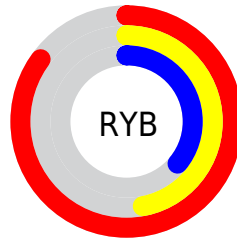
The Yxy color **27.9396, 0.4711, 0.3560** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **46.3540, 0.2341, 0.2966**, and the grayscale version is **27.6256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6191, 0.4171, 0.3566**, and **11.1254, 0.5242, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **23.9343, 0.5130, 0.3578**, and if you desaturate by 10%, it is **32.8428, 0.4323, 0.3523**.

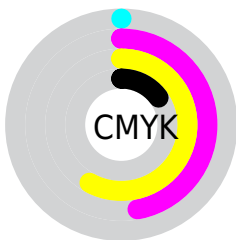
Distribution



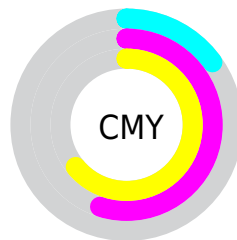
- Red (85%)
- Green (45%)
- Blue (36%)



- Red (85%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (58%)
- Black (15%)





- Cyan (15%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9396, 0.4711, 0.3560 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 27.9396, 0.4711, 0.3560 by changing the saturation by 10% instead.


 27.9396, 0.4711,
0.3560

 27.9396, 0.4711,
0.3560


292.1782, 0.3852,
0.3468


 18.2801, 0.4941,
0.3562


 56.3880, 0.4386,
0.3541


 11.1513, 0.5241,
0.3547


 75.9457, 0.4267,
0.3529

 6.1687, 0.5642,
0.3496

 99.5716, 0.4168,
0.3517

 2.9479, 0.6305,
0.3423

 127.6502, 0.4085,
0.3506

 1.1046, 0.6969,
0.3031

160.5657, 0.4014,
0.3495

 0.0000, 1.0000,
0.0000

198.7026, 0.3952,

 0.0000, 0.0000,

0.3485

0.0000

242.4453, 0.3899,
0.3476

■ 27.9396, 0.4711,
0.3560

■ 27.9396, 0.4711,
0.3560

■ 23.9343, 0.5130,
0.3578

■ 32.8428, 0.4323,
0.3523

■ 20.7674, 0.5546,
0.3569

■ 38.6898, 0.3983,
0.3476

■ 18.3788, 0.5910,
0.3526

■ 45.5286, 0.3695,
0.3425

■ 16.6966, 0.6174,
0.3456

■ 53.4025, 0.3455,
0.3374

■ 16.4088, 0.6222,
0.3442

■ 62.3525, 0.3257,
0.3326

■ 72.4171, 0.3094,
0.3280

■ 83.6330, 0.2959,
0.3239

■ 93.6432, 0.2906,
0.3289

Harmonies

Analogous

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



27.9396, 0.4298, 0.2987



27.9396, 0.4711, 0.3560



27.9396, 0.4613, 0.4147

Triad

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



27.9396, 0.4711, 0.3560



27.9396, 0.2616, 0.4328



27.9396, 0.2113, 0.2074

Complementary

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



27.9396, 0.4711, 0.3560



46.3540, 0.2341, 0.2966

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.



27.9396, 0.1795, 0.2230



27.9396, 0.4711, 0.3560



27.9396, 0.2040, 0.3474

Square

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



27.9396, 0.4711, 0.3560



27.9396, 0.3373, 0.4778



27.9396, 0.1766, 0.2695



27.9396, 0.2713, 0.2178

Rectangle

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



27.9396, 0.4711, 0.3560



27.9396, 0.4308, 0.4497



27.9396, 0.1766, 0.2695



27.9396, 0.1975, 0.2095

Sweetspot

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



27.9411, 0.4711, 0.3560



76.9563, 0.3441, 0.3371



26.5885, 0.3422, 0.2125



15.9541, 0.3486, 0.3381



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.



27.9411, 0.4711, 0.3560



33.2361, 0.5207, 0.3579



46.7231, 0.4223, 0.4256



13.4343, 0.3287, 0.3333



9.9456, 0.6201, 0.3459



0.7605, 0.5899, 0.3698

Inverse Universe

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



46.3540, 0.2341, 0.2966



61.5839, 0.2234, 0.2889



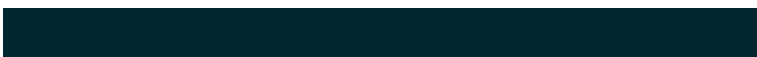
24.3858, 0.2139, 0.2038



14.4039, 0.2982, 0.3246



22.2966, 0.2083, 0.2698



1.5519, 0.2113, 0.2805

Previews

White Background



This preview shows how the Yxy color 27.9396, 0.4711, 0.3560 looks on a white background.

Color Contrast Check

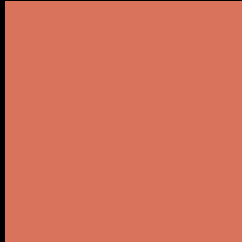
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9396, 0.4711, 0.3560 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 27.9396, 0.4711, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 27.9396, 0.4711, 0.3560.



This preview shows how white text looks on a background with the Yxy color 27.9396, 0.4711, 0.3560.

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

27.9396, 0.4711, 0.3560

Protanopia

28.0139, 0.3671, 0.3928

Deuteranopia

27.9955, 0.4096, 0.4019



Tritanopia

27.9164, 0.4416, 0.3199

Trichromacy



Original Color

27.9396, 0.4711, 0.3560

Protanomaly

27.2789, 0.4048, 0.3771

Deuteranomaly

27.7629, 0.4331, 0.3845

Tritanomaly

27.7525, 0.4531, 0.3329

Monochromacy



Original Color

27.9396, 0.4711, 0.3560

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7763, 0.3662, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9396, 0.4711, 0.3560 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(218, 115, 92)` looks like.

```
.text, #text, p{  
    color:rgb(218, 115, 92)  
}
```

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(218, 115, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 115, 92) }
```

Border

The CSS property to change the border of an element to Yxy 27.9396, 0.4711, 0.3560 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(218, 115, 92) }
```

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

```
.border{ border-color:rgb(218, 115, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 115, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 115, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 115, 92);  
box-shadow:4px 4px 4px 4px rgb(218, 115,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9396, 0.4711, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 115, 92) }
```

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

```
.background{ background-color: rgb(218,  
115, 92) }
```

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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