

Converting Colors

Yxy(31.2517, 0.4373, 0.3537)

Have a look what the booklet for
Yxy(31.2517, 0.4373, 0.3537)
contains.

Yxy(31.2517, 0.4373, 0.3537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.2517, 0.4373, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	D7816D
RGB	215, 129, 109
RGB Percent	84%, 51%, 43%
CMY	0.1568, 0.4941, 0.5725
CMYK	0.00, 0.40, 0.49, 0.16
HSL	11°, 57%, 64%
HSV	11°, 49%, 84%
XYZ	38.6383, 31.2517, 18.4665
YIQ	152.4340, 57.6760, 12.0120

Conversions

Conversions Part 2

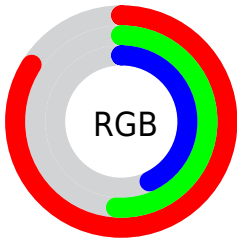
Format	Color
R _Y B	215, 134, 109
Decimal	14123373
CIE Lab	62.72, 31.09, 25.02
CIE LCh	63, 39.902, 38.827
Yxy	31.2517, 0.4373, 0.3537
Android (android.graphics.Color)	4292313453 (0xFFD7816D)
YUV	152.4340, -21.4130, 54.8704
Hunter-Lab	55.9032, 25.5422, 19.5470

Details

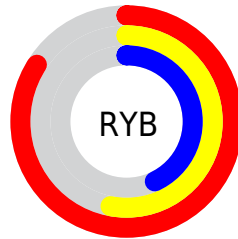
The Yxy color **31.2517, 0.4373, 0.3537** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.2012, 0.2431, 0.3012**, and the grayscale version is **31.6736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7002, 0.3945, 0.3524**, and **12.9538, 0.4797, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **26.6349, 0.4764, 0.3573**, and if you desaturate by 10%, it is **36.7697, 0.4028, 0.3490**.

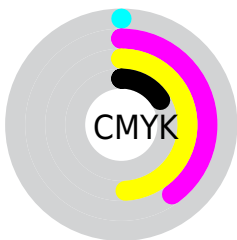
Distribution



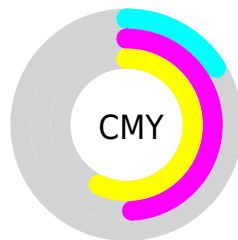
- Red (84%)
- Green (51%)
- Blue (43%)



- Red (84%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (49%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2517, 0.4373, 0.3537 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 31.2517, 0.4373, 0.3537 by changing the saturation by 10% instead.


 31.2517, 0.4373,
0.3537

 31.2517, 0.4373,
0.3537


307.6962, 0.3704,
0.3438


 20.7906, 0.4552,
0.3550


 61.6361, 0.4120,
0.3509


 12.9710, 0.4788,
0.3559


 82.3282, 0.4028,
0.3495

 7.4086, 0.5109,
0.3552


 107.1995, 0.3952,
0.3483

 3.7189, 0.5562,
0.3505

 136.6342, 0.3887,
0.3472

 1.5176, 0.6505,
0.3495

171.0169, 0.3831,
0.3462

 0.3011, 0.7791,
0.2209


210.7318, 0.3783,


 0.0000, 0.0000,


0.3453

0.0000


256.1635, 0.3741,
0.3445


 31.2517, 0.4373,
0.3537


 31.2517, 0.4373,
0.3537

 26.6349, 0.4764,
0.3573

 36.7697, 0.4028,
0.3490


 22.8662, 0.5183,
0.3589

 43.2288, 0.3733,
0.3437

 19.8944, 0.5593,
0.3575


 50.6722, 0.3488,
0.3385

 17.6603, 0.5943,
0.3527

 59.1387, 0.3284,
0.3334


 16.0914, 0.6196,
0.3455

 68.6656, 0.3116,
0.3287

 16.0033, 0.6211,
0.3451

 79.2877, 0.2978,
0.3243

 90.7440, 0.2887,
0.3250

 93.1891, 0.2889,
0.3289

Harmonies

Analogous

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



31.2517, 0.4042, 0.3058



31.2517, 0.4373, 0.3537



31.2517, 0.4319, 0.4011

Triad

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



31.2517, 0.4373, 0.3537



31.2517, 0.2740, 0.4084



31.2517, 0.2309, 0.2303

Complementary

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



31.2517, 0.4373, 0.3537



47.2012, 0.2431, 0.3012

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.



31.2517, 0.2042, 0.2447



31.2517, 0.4373, 0.3537



31.2517, 0.2263, 0.3449

Square

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



31.2517, 0.4373, 0.3537



31.2517, 0.3351, 0.4436



31.2517, 0.2023, 0.2840



31.2517, 0.2803, 0.2382

Rectangle

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



31.2517, 0.4373, 0.3537



31.2517, 0.4090, 0.4272



31.2517, 0.2023, 0.2840



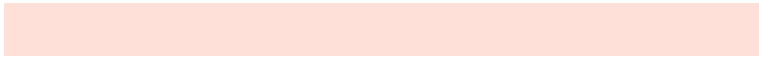
31.2517, 0.2193, 0.2324

Sweetspot

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



31.2533, 0.4373, 0.3537



79.5476, 0.3398, 0.3363



29.3551, 0.3389, 0.2291



16.4723, 0.3443, 0.3374



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.



31.2533, 0.4373, 0.3537



39.0230, 0.4775, 0.3574



48.7829, 0.4032, 0.4149



12.7959, 0.3286, 0.3335



9.6856, 0.6189, 0.3468



0.6986, 0.5864, 0.3726

Inverse Universe

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



47.2012, 0.2431, 0.3012



64.9338, 0.2321, 0.2944



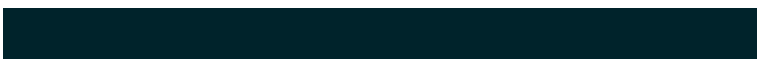
27.6775, 0.2282, 0.2229



13.6912, 0.2983, 0.3245



21.2948, 0.2077, 0.2678



1.3895, 0.2110, 0.2795

Previews

White Background



This preview shows how the Yxy color 31.2517, 0.4373, 0.3537 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.2517, 0.4373, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

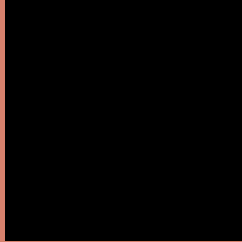
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.2517, 0.4373, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 31.2517, 0.4373, 0.3537.



This preview shows how white text looks on a background with the Yxy color 31.2517, 0.4373, 0.3537.

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

31.2517, 0.4373, 0.3537

Protanopia

31.4698, 0.3553, 0.3796

Deuteranopia

31.4221, 0.3925, 0.3861



Tritanopia

31.1682, 0.4102, 0.3171

Trichromacy



Original Color

31.2517, 0.4373, 0.3537

Protanomaly

31.0081, 0.3841, 0.3707

Deuteranomaly

31.1552, 0.4084, 0.3740

Tritanomaly

31.0270, 0.4197, 0.3293

Monochromacy



Original Color

31.2517, 0.4373, 0.3537

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8381, 0.3547, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2517, 0.4373, 0.3537 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, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(215, 129, 109)  
}
```

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, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 129, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.2517, 0.4373, 0.3537 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, 129, 109) }
```

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

```
.border{ border-color:rgb(215, 129, 109) }
```

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

Here you see how a box with a 4 pixel rgb(215, 129, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(215, 129,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2517, 0.4373, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 129, 109) }
```

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

```
.background{ background-color: rgb(215,  
129, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor