

Converting Colors

$Yxy(27.3147, 0.4797, 0.3338)$

Have a look what the booklet for
Yxy(27.3147, 0.4797, 0.3338)
contains.

Yxy(27.3147, 0.4797, 0.3338)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3147, 0.4797, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	E46864
RGB	228, 104, 100
RGB Percent	89%, 41%, 39%
CMY	0.1058, 0.5922, 0.6078
CMYK	0.00, 0.54, 0.56, 0.11
HSL	2°, 70%, 64%
HSV	2°, 56%, 89%
XYZ	39.2536, 27.3147, 15.2612
YIQ	140.6200, 75.1880, 25.0440

Conversions

Conversions Part 2

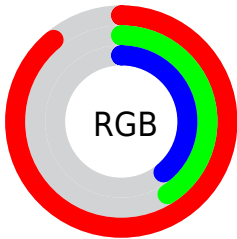
Format	Color
R_{YB}	228, 104, 100
Decimal	14968932
CIE _{Lab}	59.26, 47.93, 25.88
CIE _{LCh}	59, 54.472, 28.362
Yxy	27.3147, 0.4797, 0.3338
Android (android.graphics.Color)	4293159012 (0xFFE46864)
YUV	140.6200, -20.0257, 76.6323
Hunter-Lab	52.2635, 42.6053, 19.2714

Details

The Yxy color **27.3147, 0.4797, 0.3338** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61.6563, 0.2411, 0.3237**, and the grayscale version is **26.5361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9481, 0.4146, 0.3367**, and **10.7537, 0.5372, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **23.0552, 0.5269, 0.3341**, and if you desaturate by 10%, it is **32.8657, 0.4363, 0.3331**.

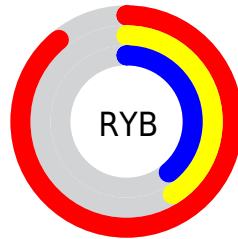
Distribution



Red (89%)

Green (41%)

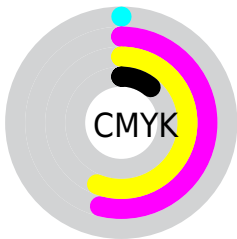
Blue (39%)



Red (89%)

Yellow (41%)

Blue (39%)

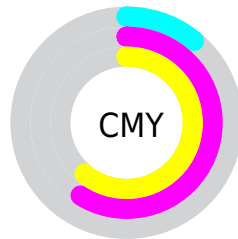


Cyan (0%)

Magenta (54%)

Yellow (56%)

Black (11%)



Cyan (11%)


Magenta (59%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3147, 0.4797, 0.3338 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 27.3147, 0.4797, 0.3338 by changing the saturation by 10% instead.


 27.3147, 0.4797,
0.3338


 27.3147, 0.4797,
0.3338


289.1776, 0.3886,
0.3363


 17.8097, 0.5044,
0.3310


 55.3884, 0.4450,
0.3362

 10.8135, 0.5369,
0.3259


 74.7260, 0.4324,
0.3366

 5.9415, 0.5810,
0.3162

 98.1099, 0.4220,
0.3368

 2.8096, 0.6465,
0.2989

 125.9244, 0.4132,
0.3368

 1.0331, 0.7395,
0.2605

158.5541, 0.4056,
0.3367

 0.0000, 1.0000,
0.0000


196.3832, 0.3992,


 0.0000, 0.0000,


0.3366

0.0000


239.7963, 0.3935,
0.3364


 27.3147, 0.4797,
0.3338


 27.3147, 0.4797,
0.3338


 23.0552, 0.5269,
0.3341


 32.8657, 0.4363,
0.3331


 19.9791, 0.5728,
0.3338


 39.7961, 0.3989,
0.3323


 17.9682, 0.6103,
0.3329


 48.1915, 0.3681,
0.3313

 16.8775, 0.6330,
0.3314

 58.1291, 0.3431,
0.3304

 16.6531, 0.6383,
0.3313

 69.6806, 0.3230,
0.3295

 82.9135, 0.3069,
0.3287

 95.2394, 0.2964,
0.3290

Harmonies

Analogous

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



27.3147, 0.4156, 0.2745



27.3147, 0.4797, 0.3338



27.3147, 0.4872, 0.3979

Triad

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



27.3147, 0.4797, 0.3338



27.3147, 0.2829, 0.4729



27.3147, 0.1854, 0.1979

Complementary

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



27.3147, 0.4797, 0.3338



61.6563, 0.2411, 0.3237

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.



27.3147, 0.1622, 0.2250



27.3147, 0.4797, 0.3338



27.3147, 0.2108, 0.3849

Square

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



27.3147, 0.4797, 0.3338



27.3147, 0.3678, 0.4966



27.3147, 0.1697, 0.2884



27.3147, 0.2397, 0.2003

Rectangle

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



27.3147, 0.4797, 0.3338



27.3147, 0.4622, 0.4400



27.3147, 0.1697, 0.2884



27.3147, 0.1743, 0.2034

Sweetspot

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



27.3162, 0.4797, 0.3338



73.5821, 0.3452, 0.3305



31.1004, 0.3210, 0.1986



15.1689, 0.3500, 0.3307



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.



27.3162, 0.4797, 0.3338



29.1228, 0.5329, 0.3341



44.7479, 0.4326, 0.4036



14.4393, 0.3292, 0.3298



9.6445, 0.6377, 0.3318



0.7382, 0.6312, 0.3370

Inverse Universe

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



61.6563, 0.2411, 0.3237



77.2949, 0.2328, 0.3225



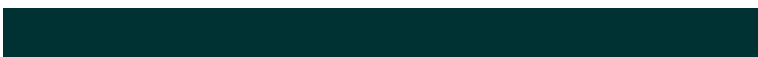
34.1134, 0.2225, 0.2359



16.2556, 0.2982, 0.3282



33.1061, 0.2220, 0.3193



2.4707, 0.2224, 0.3208

Previews

White Background



This preview shows how the Yxy color 27.3147, 0.4797, 0.3338 looks on a white background.

Color Contrast Check

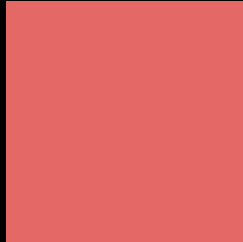
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3147, 0.4797, 0.3338 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 27.3147, 0.4797, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 27.3147, 0.4797, 0.3338.



This preview shows how white text looks on a background with the Yxy color 27.3147, 0.4797, 0.3338.

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

27.3147, 0.4797, 0.3338

Protanopia

27.5086, 0.3482, 0.3713

Deuteranopia

27.4701, 0.4005, 0.3932



Tritanopia

27.4626, 0.4694, 0.3229

Trichromacy



Original Color

27.3147, 0.4797, 0.3338

Protanomaly

26.4319, 0.3943, 0.3556

Deuteranomaly

26.7182, 0.4302, 0.3686

Tritanomaly

27.3991, 0.4734, 0.3262

Monochromacy



Original Color

27.3147, 0.4797, 0.3338

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8289, 0.3693, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3147, 0.4797, 0.3338 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(228, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(228, 104, 100)  
}
```

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(228, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 104, 100) }
```

Border

The CSS property to change the border of an element to Yxy 27.3147, 0.4797, 0.3338 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(228, 104, 100) }
```

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

```
.border{ border-color:rgb(228, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(228, 104,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3147, 0.4797, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 104, 100) }
```

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

```
.background{ background-color: rgb(228,  
104, 100) }
```

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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