

Converting Colors

Yxy(32.8668, 0.4481, 0.3474)

Have a look what the booklet for
Yxy(32.8668, 0.4481, 0.3474)
contains.

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Color

Yxy(32.8426, 0.4485, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	E47F70
RGB	228, 127, 112
RGB Percent	89%, 50%, 44%
CMY	0.1059, 0.5020, 0.5607
CMYK	0.00, 0.44, 0.51, 0.11
HSL	8°, 68%, 67%
HSV	8°, 51%, 89%
XYZ	42.5106, 32.8426, 19.4307
YIQ	155.4890, 65.0110, 16.7470

Conversions

Conversions Part 2

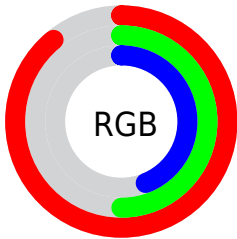
Format	Color
R _Y B	228, 129, 112
Decimal	14974832
CIE Lab	64.03, 37.40, 25.39
CIE LCh	64, 45.206, 34.167
Yxy	32.8426, 0.4485, 0.3465
Android (android.graphics.Color)	4293164912 (0xFFE47F70)
YUV	155.4890, -21.4401, 63.5921
Hunter-Lab	57.3085, 32.1188, 20.0134

Details

The Yxy color **32.8426, 0.4485, 0.3465** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.6420, 0.2429, 0.3093**, and the grayscale version is **33.0831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9881, 0.3927, 0.3471**, and **13.9741, 0.4925, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **27.7661, 0.4907, 0.3486**, and if you desaturate by 10%, it is **39.0615, 0.4111, 0.3434**.

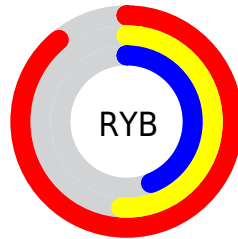
Distribution



Red (89%)

Green (50%)

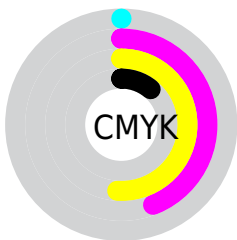
Blue (44%)



Red (89%)

Yellow (51%)

Blue (44%)

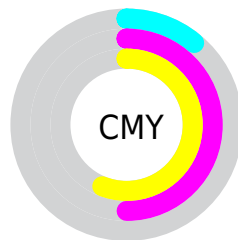


Cyan (0%)

Magenta (44%)

Yellow (51%)

Black (11%)



Cyan (11%)


Magenta (50%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8426, 0.4485, 0.3465 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 32.8426, 0.4485, 0.3465 by changing the saturation by 10% instead.


 32.8426, 0.4485,
0.3465


 32.8426, 0.4485,
0.3465


314.9399, 0.3762,
0.3409

 22.0059, 0.4676,
0.3465


 64.1297, 0.4214,
0.3454

 13.8612, 0.4926,
0.3456


 85.3489, 0.4114,
0.3447

 8.0242, 0.5262,
0.3427


 110.7977, 0.4031,
0.3440

 4.1104, 0.5732,
0.3348

 140.8605, 0.3961,
0.3433

 1.7355, 0.6705,
0.3295

175.9218, 0.3900,
0.3426

 0.4465, 0.7635,
0.2365

216.3658, 0.3848,

 0.0000, 1.0000,

0.3420

0.0000

262.5771, 0.3802,
0.3414

0.0000, 0.0000,
0.0000

32.8426, 0.4485,
0.3465

32.8426, 0.4485,
0.3465

27.7661, 0.4907,
0.3486

39.0615, 0.4111,
0.3434

23.7573, 0.5351,
0.3490

46.4812, 0.3794,
0.3398

20.7408, 0.5770,
0.3471

55.1625, 0.3531,
0.3361

18.6286, 0.6103,
0.3428

65.1603, 0.3316,
0.3326

17.3967, 0.6301,
0.3379

76.5263, 0.3141,
0.3293

■ 89.3096, 0.2998,
0.3262

■ 95.2348, 0.2964,
0.3290

Harmonies

Analogous

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



32.8426, 0.4057, 0.2953



32.8426, 0.4485, 0.3465



32.8426, 0.4483, 0.3993

Triad

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



32.8426, 0.4485, 0.3465



32.8426, 0.2790, 0.4277



32.8426, 0.2163, 0.2212

Complementary

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



32.8426, 0.4485, 0.3465



56.6420, 0.2429, 0.3093

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.



32.8426, 0.1915, 0.2403



32.8426, 0.4485, 0.3465



32.8426, 0.2236, 0.3581

Square

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



32.8426, 0.4485, 0.3465



32.8426, 0.3471, 0.4593



32.8426, 0.1935, 0.2873



32.8426, 0.2666, 0.2266

Rectangle

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



32.8426, 0.4485, 0.3465



32.8426, 0.4258, 0.4306



32.8426, 0.1935, 0.2873



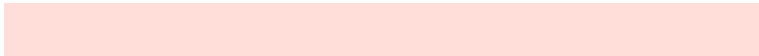
32.8426, 0.2051, 0.2247

Sweetspot

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



32.8443, 0.4485, 0.3465



78.3368, 0.3402, 0.3341



32.9646, 0.3319, 0.2189



16.1846, 0.3448, 0.3348



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.



32.8443, 0.4485, 0.3465



35.4956, 0.4929, 0.3487



51.7552, 0.4114, 0.4098



14.6667, 0.3289, 0.3321



10.1398, 0.6284, 0.3392



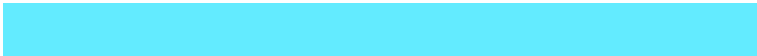
0.8469, 0.6059, 0.3571

Inverse Universe

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



56.6420, 0.2429, 0.3093



69.2548, 0.2328, 0.3046



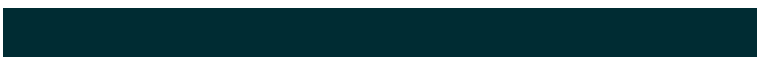
32.9838, 0.2273, 0.2296



16.0018, 0.2982, 0.3259



26.8202, 0.2133, 0.2877



2.0710, 0.2151, 0.2943

Previews

White Background



This preview shows how the Yxy color 32.8426, 0.4485, 0.3465 looks on a white background.

Color Contrast Check

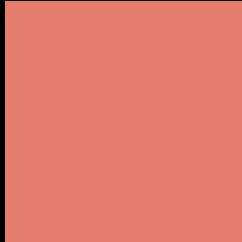
Large Text (above 18pt) WCAG AA × Fail

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 32.8426, 0.4485, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

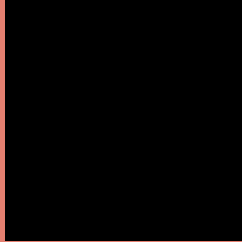
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8426, 0.4485, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 32.8426, 0.4485, 0.3465.



This preview shows how white text looks on a background with the Yxy color 32.8426, 0.4485, 0.3465.

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

32.8426, 0.4485, 0.3465

Protanopia

32.9227, 0.3516, 0.3742

Deuteranopia

33.0167, 0.3942, 0.3861



Tritanopia

32.9318, 0.4270, 0.3190

Trichromacy



Original Color

32.8426, 0.4485, 0.3465

Protanomaly

32.2982, 0.3860, 0.3639

Deuteranomaly

32.5714, 0.4144, 0.3710

Tritanomaly

32.8059, 0.4352, 0.3294

Monochromacy



Original Color

32.8426, 0.4485, 0.3465

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.0600, 0.3589, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8426, 0.4485, 0.3465 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, 127, 112)` looks like.

```
.text, #text, p{  
    color:rgb(228, 127, 112)  
}
```

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, 127, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 127, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.8426, 0.4485, 0.3465 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, 127, 112) }
```

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

```
.border{ border-color:rgb(228, 127, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 127, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 127, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 127, 112);  
box-shadow:4px 4px 4px 4px rgb(228, 127,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8426, 0.4485, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 127, 112) }
```

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

```
.background{ background-color: rgb(228,  
127, 112) }
```

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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