

Converting Colors

Yxy(31.4684, 0.4324, 0.3282)

Have a look what the booklet for
Yxy(31.4684, 0.4324, 0.3282)
contains.

Yxy(31.4684, 0.4324, 0.3282)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.4684, 0.4324, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	E07B7C
RGB	224, 123, 124
RGB Percent	88%, 48%, 49%
CMY	0.1216, 0.5176, 0.5138
CMYK	0.00, 0.45, 0.45, 0.12
HSL	359°, 62%, 68%
HSV	359°, 45%, 88%
XYZ	41.4593, 31.4684, 22.9541
YIQ	153.3130, 59.8750, 21.7230

Conversions

Conversions Part 2

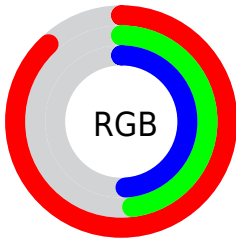
Format	Color
RYB	224, 123, 124
Decimal	14711676
CIELab	62.90, 39.11, 17.00
CIELCh	63, 42.643, 23.501
Yxy	31.4684, 0.4324, 0.3282
Android (android.graphics.Color)	4292901756 (0xFFE07B7C)
YUV	153.3130, -14.4513, 61.9925
Hunter-Lab	56.0967, 33.7544, 15.0069

Details

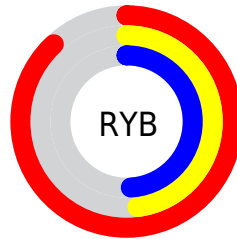
The Yxy color **31.4684, 0.4324, 0.3282** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.8476, 0.2529, 0.3301**, and the grayscale version is **32.0444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8389, 0.3833, 0.3303**, and **13.0138, 0.4734, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **26.0340, 0.4758, 0.3282**, and if you desaturate by 10%, it is **38.3035, 0.3954, 0.3283**.

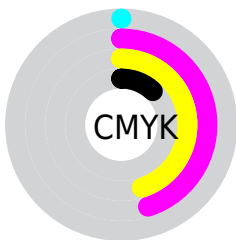
Distribution



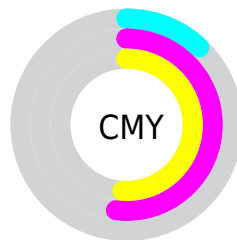
- Red (88%)
- Green (48%)
- Blue (49%)



- Red (88%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4684, 0.4324, 0.3282 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 31.4684, 0.4324, 0.3282 by changing the saturation by 10% instead.


 31.4684, 0.4324,
0.3282


 31.4684, 0.4324,
0.3282


308.6905, 0.3681,
0.3310


 20.9558, 0.4498,
0.3265


 61.9768, 0.4080,
0.3299

 13.0917, 0.4729,
0.3237


 82.7413, 0.3991,
0.3303

 7.4917, 0.5047,
0.3187


 107.6920, 0.3918,
0.3306

 3.7715, 0.5510,
0.3091

137.2131, 0.3856,
0.3308

 1.5466, 0.6355,
0.2947

171.6891, 0.3802,
0.3309

 0.3212, 0.8058,
0.1942

211.5044, 0.3756,


 0.0000, 1.0000,


0.3310


0.0000


257.0434, 0.3716,
0.3310


 0.0000, 0.0000,
0.0000


 31.4684, 0.4324,
0.3282


 31.4684, 0.4324,
0.3282


 26.0340, 0.4758,
0.3282


 38.3035, 0.3954,
0.3283


 21.8989, 0.5233,
0.3282


 46.6219, 0.3651,
0.3285

 18.9563, 0.5700,
0.3285


 56.5052, 0.3406,
0.3287


 17.0799, 0.6086,
0.3290

 68.0280, 0.3211,
0.3289

 16.1151, 0.6324,
0.3295

 81.2600, 0.3055,
0.3291

 15.8509, 0.6393,
0.3295

 94.5861, 0.2940,
0.3289

Harmonies

Analogous

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



31.4684, 0.3796, 0.2808



31.4684, 0.4324, 0.3282



31.4684, 0.4476, 0.3795

Triad

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



31.4684, 0.4324, 0.3282



31.4684, 0.3035, 0.4391



31.4684, 0.2085, 0.2290

Complementary

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



31.4684, 0.4324, 0.3282



62.8476, 0.2529, 0.3301

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.



31.4684, 0.1936, 0.2571



31.4684, 0.4324, 0.3282



31.4684, 0.2439, 0.3825

Square

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



31.4684, 0.4324, 0.3282



31.4684, 0.3689, 0.4527



31.4684, 0.2053, 0.3116



31.4684, 0.2487, 0.2260

Rectangle

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



31.4684, 0.4324, 0.3282



31.4684, 0.4347, 0.4118



31.4684, 0.2053, 0.3116



31.4684, 0.2007, 0.2354

Sweetspot

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



31.4700, 0.4324, 0.3282



77.2283, 0.3385, 0.3287



35.1288, 0.3162, 0.2189



15.8639, 0.3432, 0.3287



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.



31.4700, 0.4324, 0.3282



35.3757, 0.4726, 0.3282



46.7128, 0.4055, 0.3863



13.7027, 0.3291, 0.3288



9.2280, 0.6390, 0.3294



0.6404, 0.6358, 0.3276

Inverse Universe

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



31.4700, 0.4324, 0.3282



35.3757, 0.4726, 0.3282



40.3254, 0.2407, 0.2624



13.7027, 0.3291, 0.3288



9.2280, 0.6390, 0.3294



0.6404, 0.6358, 0.3276

Previews

White Background



This preview shows how the Yxy color 31.4684, 0.4324, 0.3282 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 31.4684, 0.4324, 0.3282 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 31.4684, 0.4324, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 31.4684, 0.4324, 0.3282.



This preview shows how white text looks on a background with the Yxy color 31.4684, 0.4324, 0.3282.

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

31.4684, 0.4324, 0.3282

Protanopia

31.6624, 0.3333, 0.3505

Deuteranopia

31.6885, 0.3740, 0.3682



Tritanopia

31.5653, 0.4252, 0.3188

Trichromacy



Original Color

31.4684, 0.4324, 0.3282

Protanomaly

30.8105, 0.3679, 0.3405

Deuteranomaly

31.1595, 0.3962, 0.3522

Tritanomaly

31.4851, 0.4290, 0.3223

Monochromacy



Original Color

31.4684, 0.4324, 0.3282

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8827, 0.3532, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4684, 0.4324, 0.3282 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(224, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 123, 124)  
}
```

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(224, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 123, 124) }
```

Border

The CSS property to change the border of an element to Yxy 31.4684, 0.4324, 0.3282 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(224, 123, 124) }
```

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

```
.border{ border-color:rgb(224, 123, 124) }
```

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

Here you see how a box with a 4 pixel rgb(224, 123, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 123,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4684, 0.4324, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 123, 124) }
```

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

```
.background{ background-color: rgb(224,  
123, 124) }
```

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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