

Converting Colors

$Y_{xy}(32.8082, 0.4258, 0.3281)$

Have a look what the booklet for
Yxy(32.8082, 0.4258, 0.3281)
contains.

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Color

Yxy(32.7448, 0.4263, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	E17F80
RGB	225, 127, 128
RGB Percent	88%, 50%, 50%
CMY	0.1177, 0.5019, 0.4981
CMYK	0.00, 0.44, 0.43, 0.12
HSL	359°, 62%, 69%
HSV	359°, 44%, 88%
XYZ	42.5323, 32.7448, 24.4937
YIQ	156.4160, 58.0870, 21.0870

Conversions

Conversions Part 2

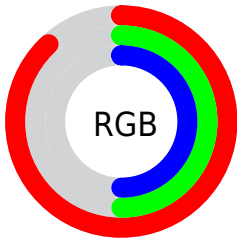
Format	Color
RYB	225, 127, 128
Decimal	14778240
CIELab	63.95, 37.81, 16.22
CIElCh	64, 41.142, 23.212
Yxy	32.7448, 0.4263, 0.3282
Android (android.graphics.Color)	4292968320 (0xFFE17F80)
YUV	156.4160, -14.0091, 60.1482
Hunter-Lab	57.2231, 32.5337, 14.6777

Details

The Yxy color **32.7448, 0.4263, 0.3282** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.7384, 0.2544, 0.3300**, and the grayscale version is **33.4868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6439, 0.3775, 0.3292**, and **13.7037, 0.4639, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **27.0451, 0.4688, 0.3281**, and if you desaturate by 10%, it is **39.8741, 0.3903, 0.3284**.

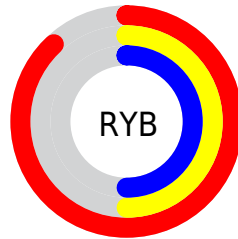
Distribution



Red (88%)

Green (50%)

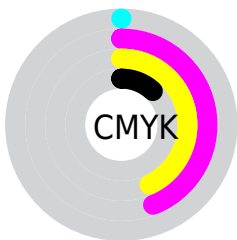
Blue (50%)



Red (88%)

Yellow (50%)

Blue (50%)

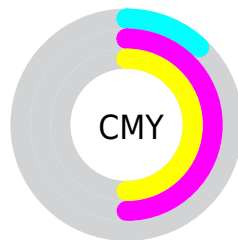


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (12%)



Cyan (12%)


Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7448, 0.4263, 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 32.7448, 0.4263, 0.3282 by changing the saturation by 10% instead.


 32.7448, 0.4263,
0.3282


 32.7448, 0.4263,
0.3282


314.4982, 0.3656,
0.3308

 21.9310, 0.4426,
0.3267


 63.9769, 0.4034,
0.3297

 13.8062, 0.4642,
0.3242


 85.1640, 0.3950,
0.3301

 7.9860, 0.4939,
0.3198

 110.5777, 0.3881,
0.3304

 4.0860, 0.5370,
0.3115

140.6023, 0.3822,
0.3305

 1.7218, 0.6090,
0.2965

175.6222, 0.3771,
0.3306

 0.4377, 0.7673,
0.2327

216.0220, 0.3728,

 0.0000, 1.0000,

0.3307

0.0000

262.1858, 0.3690,
0.3308

0.0000, 0.0000,
0.0000

32.7448, 0.4263,
0.3282

32.7448, 0.4263,
0.3282

27.0451, 0.4688,
0.3281

39.8741, 0.3903,
0.3284

22.6740, 0.5159,
0.3282

48.5150, 0.3609,
0.3285

19.5255, 0.5632,
0.3284


58.7492, 0.3373,
0.3287

17.4753, 0.6036,
0.3289

70.6513, 0.3184,
0.3289

16.3726, 0.6299,
0.3294

84.2910, 0.3034,
0.3291

 16.0099, 0.6393,
0.3295

 94.7450, 0.2946,
0.3289

Harmonies

Analogous

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



32.7448, 0.3759, 0.2826



32.7448, 0.4263, 0.3282



32.7448, 0.4414, 0.3775

Triad

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



32.7448, 0.4263, 0.3282



32.7448, 0.3049, 0.4336



32.7448, 0.2127, 0.2335

Complementary

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



32.7448, 0.4263, 0.3282



63.7384, 0.2544, 0.3300

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.



32.7448, 0.1986, 0.2610



32.7448, 0.4263, 0.3282



32.7448, 0.2476, 0.3804

Square

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



32.7448, 0.4263, 0.3282



32.7448, 0.3674, 0.4467



32.7448, 0.2102, 0.3134



32.7448, 0.2512, 0.2302

Rectangle

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



32.7448, 0.4263, 0.3282



32.7448, 0.4297, 0.4083



32.7448, 0.2102, 0.3134



32.7448, 0.2052, 0.2398

Sweetspot

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



32.7465, 0.4263, 0.3282



78.7063, 0.3364, 0.3287



36.3627, 0.3161, 0.2223



16.1546, 0.3411, 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.



32.7465, 0.4263, 0.3282



36.7252, 0.4634, 0.3281



47.9525, 0.4015, 0.3844



13.7027, 0.3291, 0.3288



9.2281, 0.6390, 0.3294



0.6404, 0.6357, 0.3276

Inverse Universe

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



32.7465, 0.4263, 0.3282



36.7252, 0.4634, 0.3281



41.6441, 0.2431, 0.2651



13.7027, 0.3291, 0.3288



9.2281, 0.6390, 0.3294



0.6404, 0.6357, 0.3276

Previews

White Background



This preview shows how the Yxy color 32.7448, 0.4263, 0.3282 looks on a white background.

Color Contrast Check

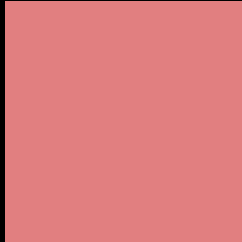
Large Text (above 18pt) WCAG AA × Fail

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 32.7448, 0.4263, 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 32.7448, 0.4263, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 32.7448, 0.4263, 0.3282.



This preview shows how white text looks on a background with the Yxy color 32.7448, 0.4263, 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

32.7448, 0.4263, 0.3282

Protanopia

32.9728, 0.3310, 0.3486

Deuteranopia

32.7739, 0.3722, 0.3648



Tritanopia

32.8397, 0.4193, 0.3188

Trichromacy



Original Color

32.7448, 0.4263, 0.3282

Protanomaly

32.2473, 0.3632, 0.3404

Deuteranomaly

32.4007, 0.3923, 0.3507

Tritanomaly

32.7564, 0.4230, 0.3223

Monochromacy



Original Color

32.7448, 0.4263, 0.3282

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.1499, 0.3503, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7448, 0.4263, 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(225, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(225, 127, 128)  
}
```

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(225, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 127, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.7448, 0.4263, 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(225, 127, 128) }
```

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

```
.border{ border-color:rgb(225, 127, 128) }
```

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

Here you see how a box with a 4 pixel rgb(225, 127, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(225, 127,  
128) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.7448, 0.4263, 0.3282$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 127, 128) }
```

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

```
.background{ background-color: rgb(225,  
127, 128) }
```

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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