

Converting Colors

$Y_{xy}(32.3176, 0.4142, 0.3090)$

Have a look what the booklet for
Yxy(32.3176, 0.4142, 0.3090)
contains.

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Color

Yxy(32.2281, 0.4145, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	E27B8C
RGB	226, 123, 140
RGB Percent	89%, 48%, 55%
CMY	0.1138, 0.5176, 0.4509
CMYK	0.00, 0.46, 0.38, 0.11
HSL	350°, 64%, 68%
HSV	350°, 46%, 89%
XYZ	43.1757, 32.2281, 28.7595
YIQ	155.7350, 55.9310, 27.1230

Conversions

Conversions Part 2

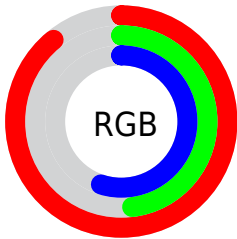
Format	Color
RYB	226, 123, 140
Decimal	14842764
CIELab	63.53, 41.55, 8.80
CIELCh	64, 42.474, 11.957
Yxy	32.2281, 0.4145, 0.3094
Android (android.graphics.Color)	4293032844 (0xFFE27B8C)
YUV	155.7350, -7.7574, 61.6224
Hunter-Lab	56.7698, 36.4091, 9.7027

Details

The Yxy color **32.2281, 0.4145, 0.3094** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.1952, 0.2602, 0.3509**, and the grayscale version is **33.1402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5545, 0.3679, 0.3125**, and **13.5695, 0.4495, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **26.7446, 0.4511, 0.3061**, and if you desaturate by 10%, it is **39.1042, 0.3835, 0.3136**.

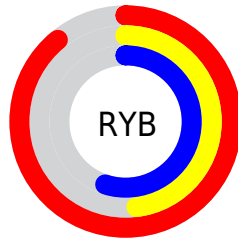
Distribution



Red (89%)

Green (48%)

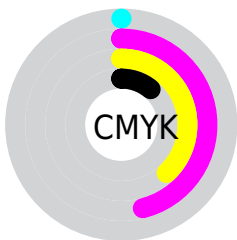
Blue (55%)



Red (89%)

Yellow (48%)

Blue (55%)

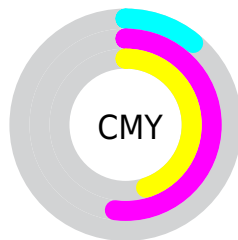


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (11%)



Cyan (11%)


Magenta (52%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2281, 0.4145, 0.3094 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 32.2281, 0.4145, 0.3094 by changing the saturation by 10% instead.


 32.2281, 0.4145,
0.3094

 32.2281, 0.4145,
0.3094


312.1570, 0.3601,
0.3210


 21.5358, 0.4292,
0.3059

 63.1685, 0.3939,
0.3141

 13.5162, 0.4487,
0.3009


 84.1854, 0.3864,
0.3157

 7.7850, 0.4757,
0.2936


 109.4126, 0.3802,
0.3170

 3.9577, 0.5155,
0.2818

139.2345, 0.3750,
0.3181

 1.6499, 0.5785,
0.2608

174.0355, 0.3705,
0.3190

 0.3909, 0.7945,
0.2055

214.2000, 0.3666,

 0.0000, 1.0000,

0.3197


0.0000


260.1123, 0.3631,
0.3204


 0.0000, 0.0000,
0.0000


 32.2281, 0.4145,
0.3094


 32.2281, 0.4145,
0.3094


 26.7446, 0.4511,
0.3061

 39.1042, 0.3835,
0.3136

 22.5537, 0.4923,
0.3043

 47.4542, 0.3580,
0.3181


 19.5498, 0.5353,
0.3050


 57.3589, 0.3373,
0.3225


 17.6085, 0.5756,
0.3087


 68.8918, 0.3206,
0.3268

 16.5774, 0.6075,
0.3152

 82.1218, 0.3071,
0.3307

 16.3003, 0.6185,
0.3181

 94.7910, 0.2962,
0.3307

 94.9049, 0.2952,
0.3289

Harmonies

Analogous

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



32.2281, 0.3530, 0.2659



32.2281, 0.4145, 0.3094



32.2281, 0.4452, 0.3596

Triad

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



32.2281, 0.4145, 0.3094



32.2281, 0.3289, 0.4485



32.2281, 0.2009, 0.2377

Complementary

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



32.2281, 0.4145, 0.3094



63.1952, 0.2602, 0.3509

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.



32.2281, 0.1961, 0.2758



32.2281, 0.4145, 0.3094



32.2281, 0.2656, 0.4070

Square

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



32.2281, 0.4145, 0.3094



32.2281, 0.3911, 0.4449



32.2281, 0.2181, 0.3382



32.2281, 0.2313, 0.2255

Rectangle

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



32.2281, 0.4145, 0.3094



32.2281, 0.4428, 0.3931



32.2281, 0.2181, 0.3382



32.2281, 0.1964, 0.2474

Sweetspot

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



32.2297, 0.4145, 0.3094



77.5264, 0.3346, 0.3232



33.1894, 0.3014, 0.2126



15.9353, 0.3386, 0.3222



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.



32.2297, 0.4145, 0.3094



35.2964, 0.4503, 0.3061



41.8244, 0.4156, 0.3694



13.7372, 0.3266, 0.3252



9.3132, 0.6154, 0.3164



0.6569, 0.5759, 0.2946

Inverse Universe

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



32.2297, 0.4145, 0.3094



35.2964, 0.4503, 0.3061



47.2513, 0.2438, 0.2832



13.7372, 0.3266, 0.3252



9.3132, 0.6154, 0.3164



0.6569, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 32.2281, 0.4145, 0.3094 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 32.2281, 0.4145, 0.3094 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 32.2281, 0.4145, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 32.2281, 0.4145, 0.3094.



This preview shows how white text looks on a background with the Yxy color 32.2281, 0.4145, 0.3094.

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

32.2281, 0.4145, 0.3094

Protanopia

32.6134, 0.3119, 0.3245

Deuteranopia

32.5026, 0.3543, 0.3479



Tritanopia

32.1163, 0.4217, 0.3187

Trichromacy



Original Color

32.2281, 0.4145, 0.3094

Protanomaly

31.7030, 0.3455, 0.3178

Deuteranomaly

32.0316, 0.3760, 0.3333

Tritanomaly

32.2004, 0.4180, 0.3152

Monochromacy



Original Color

32.2281, 0.4145, 0.3094

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.9723, 0.3463, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2281, 0.4145, 0.3094 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(226, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(226, 123, 140)  
}
```

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(226, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 123, 140) }
```

Border

The CSS property to change the border of an element to Yxy 32.2281, 0.4145, 0.3094 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(226, 123, 140) }
```

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

```
.border{ border-color:rgb(226, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(226, 123,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2281, 0.4145, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 123, 140) }
```

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

```
.background{ background-color: rgb(226,  
123, 140) }
```

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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