

Converting Colors

$Yxy(32.2314, 0.4303, 0.3173)$

Have a look what the booklet for
Yxy(32.2314, 0.4303, 0.3173)
contains.

Yxy(32.1637, 0.4297, 0.3168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.1637, 0.4297, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	E67984
RGB	230, 121, 132
RGB Percent	90%, 47%, 52%
CMY	0.0982, 0.5254, 0.4824
CMYK	0.00, 0.47, 0.43, 0.10
HSL	354°, 69%, 69%
HSV	354°, 47%, 90%
XYZ	43.6261, 32.1637, 25.7371
YIQ	154.8450, 61.4330, 26.5290

Conversions

Conversions Part 2

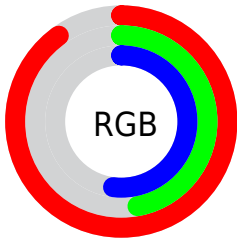
Format	Color
R_{YB}	230, 121, 132
Decimal	15104388
CIE _{Lab}	63.48, 43.11, 13.37
CIE _{LCh}	63, 45.139, 17.230
Yxy	32.1637, 0.4297, 0.3168
Android (android.graphics.Color)	4293294468 (0xFFE67984)
YUV	154.8450, -11.2626, 65.9109
Hunter-Lab	56.7130, 38.0619, 12.7926

Details

The Yxy color **32.1637, 0.4297, 0.3168** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **65.7542, 0.2552, 0.3427**, and the grayscale version is **32.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4227, 0.3757, 0.3187**, and **13.5387, 0.4683, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **26.7136, 0.4704, 0.3151**, and if you desaturate by 10%, it is **39.0614, 0.3949, 0.3192**.

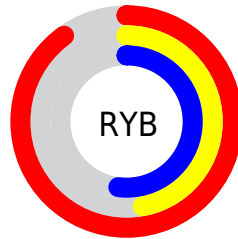
Distribution



Red (90%)

Green (47%)

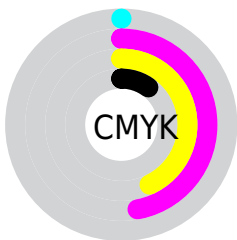
Blue (52%)



Red (90%)

Yellow (47%)

Blue (52%)

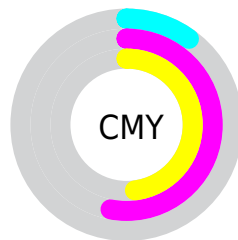


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (10%)



Cyan (10%)


Magenta (53%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1637, 0.4297, 0.3168 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 32.1637, 0.4297, 0.3168 by changing the saturation by 10% instead.


 32.1637, 0.4297,
0.3168


 32.1637, 0.4297,
0.3168


311.8643, 0.3671,
0.3252


 21.4866, 0.4466,
0.3138


 63.0676, 0.4060,
0.3205

 13.4801, 0.4689,
0.3095


 84.0632, 0.3974,
0.3217

 7.7600, 0.4998,
0.3026


 109.2671, 0.3902,
0.3226

 3.9418, 0.5446,
0.2910

139.0636, 0.3842,
0.3233

 1.6410, 0.6165,
0.2700

173.8372, 0.3790,
0.3239

 0.3850, 0.8021,
0.1979

213.9722, 0.3745,


 0.0000, 1.0000,


0.3244


0.0000

259.8531, 0.3706,
0.3248


 0.0000, 0.0000,
0.0000

 32.1637, 0.4297,
0.3168


 32.1637, 0.4297,
0.3168


 26.7136, 0.4704,
0.3151


 39.0614, 0.3949,
0.3192

 22.6034, 0.5152,
0.3146


 47.4946, 0.3661,
0.3219

 19.7182, 0.5600,
0.3159


 57.5499, 0.3428,
0.3246

 17.9218, 0.5986,
0.3191

 69.3063, 0.3241,
0.3272

 17.0348, 0.6252,
0.3237

 82.8373, 0.3091,
0.3296

 16.8791, 0.6303,
0.3246

 95.5567, 0.2975,
0.3290

Harmonies

Analogous

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



32.1637, 0.3682, 0.2695



32.1637, 0.4297, 0.3168



32.1637, 0.4546, 0.3699

Triad

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



32.1637, 0.4297, 0.3168



32.1637, 0.3170, 0.4525



32.1637, 0.1985, 0.2282

Complementary

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



32.1637, 0.4297, 0.3168



65.7542, 0.2552, 0.3427

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.



32.1637, 0.1887, 0.2630



32.1637, 0.4297, 0.3168



32.1637, 0.2519, 0.4005

Square

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



32.1637, 0.4297, 0.3168



32.1637, 0.3844, 0.4558



32.1637, 0.2065, 0.3253



32.1637, 0.2348, 0.2203

Rectangle

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



32.1637, 0.4297, 0.3168



32.1637, 0.4466, 0.4047



32.1637, 0.2065, 0.3253



32.1637, 0.1923, 0.2367

Sweetspot

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



32.1653, 0.4297, 0.3168



77.4017, 0.3362, 0.3255



34.1844, 0.3060, 0.2100



15.9054, 0.3405, 0.3249



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.



32.1653, 0.4297, 0.3168



33.7988, 0.4702, 0.3151



44.3176, 0.4181, 0.3771



14.3914, 0.3277, 0.3267



9.5678, 0.6281, 0.3233



0.7151, 0.6005, 0.3082

Inverse Universe

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



32.1653, 0.4297, 0.3168



33.7988, 0.4702, 0.3151



45.8328, 0.2398, 0.2735



14.3914, 0.3277, 0.3267



9.5678, 0.6281, 0.3233



0.7151, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 32.1637, 0.4297, 0.3168 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 32.1637, 0.4297, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

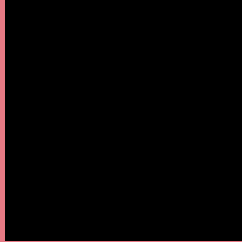
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1637, 0.4297, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 32.1637, 0.4297, 0.3168.



This preview shows how white text looks on a background with the Yxy color 32.1637, 0.4297, 0.3168.

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

32.1637, 0.4297, 0.3168

Protanopia

32.5502, 0.3214, 0.3366

Deuteranopia

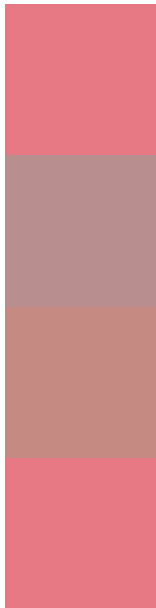
32.1771, 0.3662, 0.3594



Tritanopia

32.1094, 0.4323, 0.3191

Trichromacy



Original Color

32.1637, 0.4297, 0.3168

Protanomaly

31.5195, 0.3577, 0.3277

Deuteranomaly

31.6323, 0.3893, 0.3413

Tritanomaly

32.1364, 0.4310, 0.3179

Monochromacy



Original Color

32.1637, 0.4297, 0.3168

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6966, 0.3509, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1637, 0.4297, 0.3168 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(230, 121, 132)` looks like.

```
.text, #text, p{  
    color:rgb(230, 121, 132)  
}
```

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(230, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 121, 132) }
```

Border

The CSS property to change the border of an element to Yxy 32.1637, 0.4297, 0.3168 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(230, 121, 132) }
```

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

```
.border{ border-color:rgb(230, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(230, 121,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1637, 0.4297, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 121, 132) }
```

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

```
.background{ background-color: rgb(230,  
121, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor