

Converting Colors

$Y_{xy}(32.8017, 0.4271, 0.3124)$

Have a look what the booklet for
Yxy(32.8017, 0.4271, 0.3124)
contains.

Yxy(32.7760, 0.4278, 0.3124)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.7760, 0.4278, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	E97988
RGB	233, 121, 136
RGB Percent	91%, 47%, 53%
CMY	0.0863, 0.5254, 0.4666
CMYK	0.00, 0.48, 0.42, 0.09
HSL	352°, 72%, 69%
HSV	352°, 48%, 91%
XYZ	44.8834, 32.7760, 27.2574
YIQ	156.1980, 61.9370, 28.4090

Conversions

Conversions Part 2

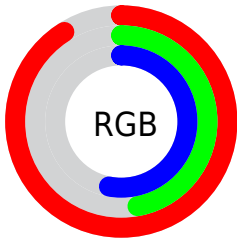
Format	Color
R _Y B	233, 121, 136
Decimal	15301000
CIE Lab	63.98, 44.62, 11.85
CIE LCh	64, 46.169, 14.868
Yxy	32.7760, 0.4278, 0.3124
Android (android.graphics.Color)	4293491080 (0xFFE97988)
YUV	156.1980, -9.9576, 67.3554
Hunter-Lab	57.2503, 39.7532, 11.8467

Details

The Yxy color **32.7760, 0.4278, 0.3124** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67.3986, 0.2563, 0.3478**, and the grayscale version is **33.3654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9848, 0.3717, 0.3156**, and **13.8048, 0.4674, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **27.2609, 0.4673, 0.3101**, and if you desaturate by 10%, it is **39.7698, 0.3939, 0.3156**.

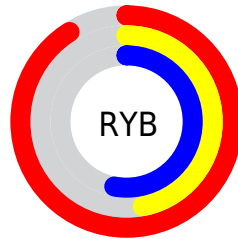
Distribution



Red (91%)

Green (47%)

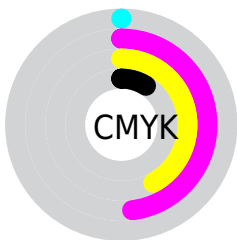
Blue (53%)



Red (91%)

Yellow (47%)

Blue (53%)

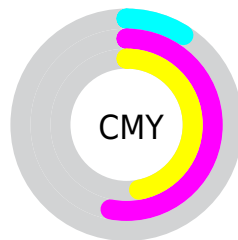


Cyan (0%)

Magenta (48%)

Yellow (42%)

Black (9%)



Cyan (9%)


Magenta (53%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7760, 0.4278, 0.3124 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 32.7760, 0.4278, 0.3124 by changing the saturation by 10% instead.

 32.7760, 0.4278,
0.3124


 32.7760, 0.4278,
0.3124


314.6392, 0.3665,
0.3229

 21.9549, 0.4443,
0.3090


 64.0257, 0.4046,
0.3168

 13.8238, 0.4660,
0.3041


 85.2230, 0.3962,
0.3183

 7.9982, 0.4960,
0.2967


 110.6479, 0.3892,
0.3194

 4.0938, 0.5396,
0.2845

140.6847, 0.3832,
0.3204

 1.7262, 0.6073,
0.2624

175.7178, 0.3781,
0.3212

 0.4405, 0.7941,
0.2059

216.1317, 0.3737,

 0.0000, 1.0000,

0.3218


0.0000

262.3107, 0.3699,
0.3224


 0.0000, 0.0000,
0.0000


 32.7760, 0.4278,
0.3124


 32.7760, 0.4278,
0.3124


 27.2609, 0.4673,
0.3101


 39.7698, 0.3939,
0.3156


 23.1132, 0.5109,
0.3093


 48.3329, 0.3659,
0.3192


 20.2141, 0.5547,
0.3108

 58.5546, 0.3432,
0.3229

 18.4223, 0.5932,
0.3149

 70.5162, 0.3248,
0.3264

 17.5418, 0.6208,
0.3207

 84.2933, 0.3101,
0.3296

■ 17.4217, 0.6250,
0.3217

■ 96.0617, 0.2993,
0.3290

Harmonies

Analogous

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



32.7760, 0.3632, 0.2653



32.7760, 0.4278, 0.3124



32.7760, 0.4565, 0.3659

Triad

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



32.7760, 0.4278, 0.3124



32.7760, 0.3224, 0.4569



32.7760, 0.1952, 0.2285

Complementary

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



32.7760, 0.4278, 0.3124



67.3986, 0.2563, 0.3478

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.



32.7760, 0.1873, 0.2658



32.7760, 0.4278, 0.3124



32.7760, 0.2556, 0.4073

Square

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



32.7760, 0.4278, 0.3124



32.7760, 0.3903, 0.4560



32.7760, 0.2076, 0.3310



32.7760, 0.2298, 0.2185

Rectangle

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



32.7760, 0.4278, 0.3124



32.7760, 0.4505, 0.4015



32.7760, 0.2076, 0.3310



32.7760, 0.1895, 0.2377

Sweetspot

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



32.7777, 0.4278, 0.3124



77.4660, 0.3354, 0.3243



34.1888, 0.3023, 0.2070



15.9208, 0.3395, 0.3235



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.



32.7777, 0.4278, 0.3124



33.3262, 0.4683, 0.3100



43.9152, 0.4225, 0.3737



15.0869, 0.3272, 0.3259



9.8968, 0.6224, 0.3202



0.7876, 0.5907, 0.3028

Inverse Universe

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



32.7777, 0.4278, 0.3124



33.3262, 0.4683, 0.3100



48.4418, 0.2398, 0.2776



15.0869, 0.3272, 0.3259



9.8968, 0.6224, 0.3202



0.7876, 0.5907, 0.3028

Previews

White Background



This preview shows how the Yxy color 32.7760, 0.4278, 0.3124 looks on a white background.

Color Contrast Check

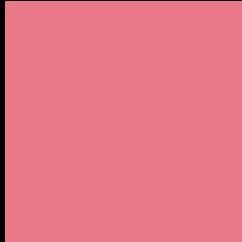
Large Text (above 18pt) WCAG AA × Fail

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 32.7760, 0.4278, 0.3124 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 32.7760, 0.4278, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 32.7760, 0.4278, 0.3124.



This preview shows how white text looks on a background with the Yxy color 32.7760, 0.4278, 0.3124.

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

32.7760, 0.4278, 0.3124

Protanopia

33.1467, 0.3176, 0.3305

Deuteranopia

33.0351, 0.3624, 0.3563



Tritanopia

32.8814, 0.4336, 0.3192

Trichromacy



Original Color

32.7760, 0.4278, 0.3124

Protanomaly

32.1906, 0.3552, 0.3236

Deuteranomaly

32.3008, 0.3864, 0.3372

Tritanomaly

32.9362, 0.4311, 0.3169

Monochromacy



Original Color

32.7760, 0.4278, 0.3124

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0052, 0.3509, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7760, 0.4278, 0.3124 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(233, 121, 136)` looks like.

```
.text, #text, p{  
    color:rgb(233, 121, 136)  
}
```

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(233, 121, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 121, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.7760, 0.4278, 0.3124 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(233, 121, 136) }
```

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

```
.border{ border-color:rgb(233, 121, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 121, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 121, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 121, 136);  
box-shadow:4px 4px 4px 4px rgb(233, 121,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7760, 0.4278, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 121, 136) }
```

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

```
.background{ background-color: rgb(233,  
121, 136) }
```

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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