

Converting Colors

$Y_{xy}(32.1003, 0.4286, 0.3186)$

Have a look what the booklet for
Yxy(32.1003, 0.4286, 0.3186)
contains.

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Color

Yxy(32.0517, 0.4284, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	E47A83
RGB	228, 122, 131
RGB Percent	89%, 48%, 51%
CMY	0.1058, 0.5216, 0.4862
CMYK	0.00, 0.47, 0.43, 0.11
HSL	355°, 66%, 69%
HSV	355°, 47%, 89%
XYZ	43.0572, 32.0517, 25.3981
YIQ	154.7200, 60.2870, 25.2710

Conversions

Conversions Part 2

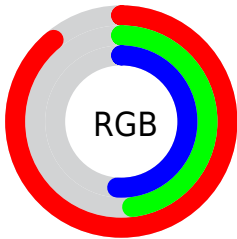
Format	Color
R _Y B	228, 122, 131
Decimal	14973571
CIE Lab	63.39, 41.83, 13.76
CIE LCh	63, 44.032, 18.206
Yxy	32.0517, 0.4284, 0.3189
Android (android.graphics.Color)	4293163651 (0xFFE47A83)
YUV	154.7200, -11.6940, 64.2666
Hunter-Lab	56.6142, 36.6810, 13.0314

Details

The Yxy color **32.0517, 0.4284, 0.3189** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **64.7486, 0.2552, 0.3403**, and the grayscale version is **32.6816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7714, 0.3763, 0.3208**, and **13.4245, 0.4667, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **26.5861, 0.4693, 0.3174**, and if you desaturate by 10%, it is **38.9479, 0.3935, 0.3209**.

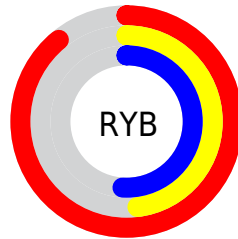
Distribution



Red (89%)

Green (48%)

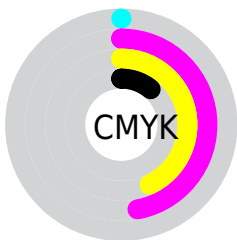
Blue (51%)



Red (89%)

Yellow (48%)

Blue (51%)

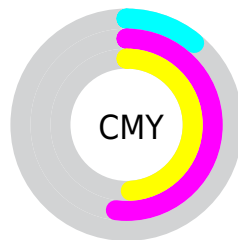


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0517, 0.4284, 0.3189 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 32.0517, 0.4284, 0.3189 by changing the saturation by 10% instead.


 32.0517, 0.4284,
0.3189


 32.0517, 0.4284,
0.3189


311.3547, 0.3665,
0.3262


 21.4010, 0.4451,
0.3162


 62.8921, 0.4049,
0.3222

 13.4174, 0.4673,
0.3122


 83.8506, 0.3964,
0.3232

 7.7166, 0.4979,
0.3058


 109.0139, 0.3893,
0.3240

 3.9142, 0.5425,
0.2948

138.7662, 0.3833,
0.3246

 1.6257, 0.6149,
0.2749

173.4921, 0.3782,
0.3252

 0.3748, 0.8000,
0.2000

213.5759, 0.3738,

 0.0000, 1.0000,

0.3256

0.0000

259.4019, 0.3699,
0.3259

0.0000, 0.0000,
0.0000

32.0517, 0.4284,
0.3189

32.0517, 0.4284,
0.3189

26.5861, 0.4693,
0.3174

38.9479, 0.3935,
0.3209

22.4460, 0.5145,
0.3170

47.3602, 0.3647,
0.3232

19.5199, 0.5598,
0.3180


57.3734, 0.3415,
0.3255


17.6759, 0.5990,
0.3207

69.0643, 0.3228,
0.3277

16.7484, 0.6258,
0.3247

82.5052, 0.3078,
0.3297

 16.5458, 0.6323,
0.3257

 95.2373, 0.2964,
0.3290

Harmonies

Analogous

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



32.0517, 0.3692, 0.2721



32.0517, 0.4284, 0.3189



32.0517, 0.4514, 0.3711

Triad

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



32.0517, 0.4284, 0.3189



32.0517, 0.3149, 0.4484



32.0517, 0.2016, 0.2297

Complementary

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



32.0517, 0.4284, 0.3189



64.7486, 0.2552, 0.3403

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.



32.0517, 0.1911, 0.2631



32.0517, 0.4284, 0.3189



32.0517, 0.2516, 0.3964

Square

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



32.0517, 0.4284, 0.3189



32.0517, 0.3811, 0.4535



32.0517, 0.2078, 0.3232



32.0517, 0.2381, 0.2226

Rectangle

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



32.0517, 0.4284, 0.3189



32.0517, 0.4428, 0.4050



32.0517, 0.2078, 0.3232



32.0517, 0.1951, 0.2378

Sweetspot

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



32.0533, 0.4284, 0.3189



77.3720, 0.3366, 0.3260



34.3350, 0.3078, 0.2127



15.8983, 0.3410, 0.3255



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.



32.0533, 0.4284, 0.3189



34.3571, 0.4686, 0.3175



44.5974, 0.4144, 0.3783



14.3878, 0.3279, 0.3270



9.5593, 0.6303, 0.3246



0.7133, 0.6061, 0.3113

Inverse Universe

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



32.0533, 0.4284, 0.3189



34.3571, 0.4686, 0.3175



44.6924, 0.2407, 0.2723



14.3878, 0.3279, 0.3270



9.5593, 0.6303, 0.3246



0.7133, 0.6061, 0.3113

Previews

White Background



This preview shows how the Yxy color 32.0517, 0.4284, 0.3189 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 32.0517, 0.4284, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

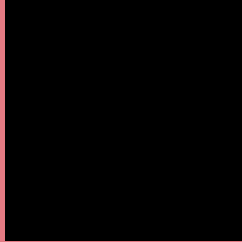
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0517, 0.4284, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 32.0517, 0.4284, 0.3189.



This preview shows how white text looks on a background with the Yxy color 32.0517, 0.4284, 0.3189.

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

32.0517, 0.4284, 0.3189

Protanopia

32.1582, 0.3234, 0.3381

Deuteranopia

32.1771, 0.3662, 0.3594



Tritanopia

32.0517, 0.4284, 0.3189

Trichromacy



Original Color

32.0517, 0.4284, 0.3189

Protanomaly

31.3364, 0.3587, 0.3305

Deuteranomaly

31.7595, 0.3888, 0.3440

Tritanomaly

32.0517, 0.4284, 0.3189

Monochromacy



Original Color

32.0517, 0.4284, 0.3189

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6653, 0.3519, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0517, 0.4284, 0.3189 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(228, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(228, 122, 131)  
}
```

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(228, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 122, 131) }
```

Border

The CSS property to change the border of an element to Yxy 32.0517, 0.4284, 0.3189 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(228, 122, 131) }
```

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

```
.border{ border-color:rgb(228, 122, 131) }
```

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

Here you see how a box with a 4 pixel rgb(228, 122, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(228, 122,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0517, 0.4284, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 122, 131) }
```

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

```
.background{ background-color: rgb(228,  
122, 131) }
```

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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