

Converting Colors

$Y_{xy}(32.5078, 0.4246, 0.3179)$

Have a look what the booklet for
Yxy(32.5078, 0.4246, 0.3179)
contains.

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Color

Yxy(32.6027, 0.4249, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	E47C85
RGB	228, 124, 133
RGB Percent	89%, 49%, 52%
CMY	0.1058, 0.5137, 0.4784
CMYK	0.00, 0.46, 0.42, 0.11
HSL	355°, 66%, 69%
HSV	355°, 46%, 89%
XYZ	43.4396, 32.6027, 26.1926
YIQ	156.1220, 59.0950, 24.8470

Conversions

Conversions Part 2

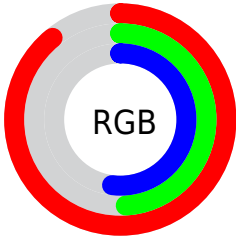
Format	Color
R _Y B	228, 124, 133
Decimal	14974085
CIE Lab	63.84, 41.01, 13.27
CIE LCh	64, 43.104, 17.925
Yxy	32.6027, 0.4249, 0.3189
Android (android.graphics.Color)	4293164165 (0xFFE47C85)
YUV	156.1220, -11.3991, 63.0370
Hunter-Lab	57.0988, 35.8763, 12.7714

Details

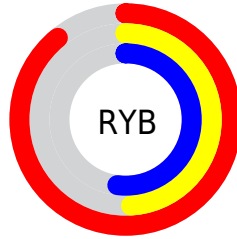
The Yxy color **32.6027, 0.4249, 0.3189** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **64.8952, 0.2561, 0.3403**, and the grayscale version is **33.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6460, 0.3739, 0.3208**, and **13.7098, 0.4614, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **27.0154, 0.4653, 0.3174**, and if you desaturate by 10%, it is **39.6285, 0.3906, 0.3210**.

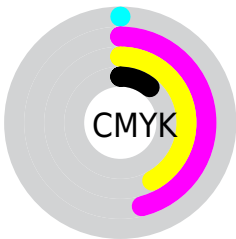
Distribution



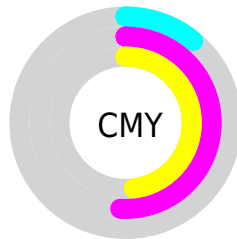
- Red (89%)
- Green (49%)
- Blue (52%)



- Red (89%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (11%)




- Cyan (11%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6027, 0.4249, 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 32.6027, 0.4249, 0.3189 by changing the saturation by 10% instead.


 32.6027, 0.4249,
0.3189


 32.6027, 0.4249,
0.3189


313.8557, 0.3650,
0.3261

 21.8223, 0.4410,
0.3163


 63.7547, 0.4022,
0.3221

 13.7264, 0.4624,
0.3125


 84.8951, 0.3940,
0.3231

 7.9306, 0.4919,
0.3064


 110.2577, 0.3871,
0.3239

 4.0506, 0.5348,
0.2959

140.2267, 0.3813,
0.3245

 1.7019, 0.6031,
0.2766

175.1866, 0.3764,
0.3250

 0.4249, 0.7838,
0.2162

215.5218, 0.3721,

 0.0000, 1.0000,

0.3254

0.0000

261.6167, 0.3683,
0.3258

0.0000, 0.0000,
0.0000

32.6027, 0.4249,
0.3189

32.6027, 0.4249,
0.3189

27.0154, 0.4653,
0.3174

39.6285, 0.3906,
0.3210

22.7626, 0.5101,
0.3168

48.1777, 0.3624,
0.3233

19.7341, 0.5556,
0.3177


58.3343, 0.3396,
0.3256

17.8002, 0.5957,
0.3203

70.1747, 0.3213,
0.3278

16.8013, 0.6238,
0.3242

83.7707, 0.3067,
0.3299

 16.5460, 0.6321,
0.3256

 95.2365, 0.2964,
0.3290

Harmonies

Analogous

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



32.6027, 0.3671, 0.2731



32.6027, 0.4249, 0.3189



32.6027, 0.4478, 0.3700

Triad

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



32.6027, 0.4249, 0.3189



32.6027, 0.3157, 0.4452



32.6027, 0.2039, 0.2323

Complementary

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



32.6027, 0.4249, 0.3189



64.8952, 0.2561, 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.



32.6027, 0.1939, 0.2653



32.6027, 0.4249, 0.3189



32.6027, 0.2538, 0.3951

Square

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



32.6027, 0.4249, 0.3189



32.6027, 0.3803, 0.4501



32.6027, 0.2106, 0.3242



32.6027, 0.2395, 0.2249

Rectangle

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



32.6027, 0.4249, 0.3189



32.6027, 0.4399, 0.4031



32.6027, 0.2106, 0.3242



32.6027, 0.1977, 0.2403

Sweetspot

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



32.6044, 0.4249, 0.3189



77.3745, 0.3366, 0.3260



34.8627, 0.3080, 0.2147



15.8989, 0.3409, 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.



32.6044, 0.4249, 0.3189



34.9939, 0.4641, 0.3174



45.0803, 0.4119, 0.3774



14.3881, 0.3279, 0.3270



9.5600, 0.6302, 0.3245



0.7135, 0.6056, 0.3110

Inverse Universe

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



32.6044, 0.4249, 0.3189



34.9939, 0.4641, 0.3174



45.1770, 0.2420, 0.2735



14.3881, 0.3279, 0.3270



9.5600, 0.6302, 0.3245



0.7135, 0.6056, 0.3110

Previews

White Background



This preview shows how the Yxy color 32.6027, 0.4249, 0.3189 looks on a white background.

Color Contrast Check

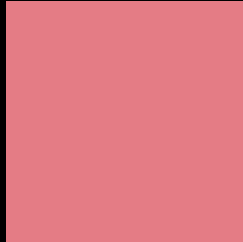
Large Text (above 18pt) WCAG AA × Fail

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 32.6027, 0.4249, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

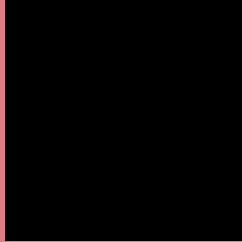
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6027, 0.4249, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 32.6027, 0.4249, 0.3189.



This preview shows how white text looks on a background with the Yxy color 32.6027, 0.4249, 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

32.6027, 0.4249, 0.3189

Protanopia

32.6521, 0.3224, 0.3366

Deuteranopia

32.6636, 0.3648, 0.3578



Tritanopia

32.6027, 0.4249, 0.3189

Trichromacy



Original Color

32.6027, 0.4249, 0.3189

Protanomaly

31.8184, 0.3574, 0.3291

Deuteranomaly

32.2382, 0.3872, 0.3426

Tritanomaly

32.6027, 0.4249, 0.3189

Monochromacy



Original Color

32.6027, 0.4249, 0.3189

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0297, 0.3495, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6027, 0.4249, 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, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(228, 124, 133)  
}
```

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, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 124, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.6027, 0.4249, 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, 124, 133) }
```

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

```
.border{ border-color:rgb(228, 124, 133) }
```

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

Here you see how a box with a 4 pixel rgb(228, 124, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(228, 124,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6027, 0.4249, 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, 124, 133) }
```

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

```
.background{ background-color: rgb(228,  
124, 133) }
```

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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