

Converting Colors

$Y_{xy}(28.5144, 0.4667, 0.3221)$

Have a look what the booklet for
Yxy(28.5144, 0.4667, 0.3221)
contains.

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Color

Yxy(28.4288, 0.4671, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	E86970
RGB	232, 105, 112
RGB Percent	91%, 41%, 44%
CMY	0.0902, 0.5882, 0.5609
CMYK	0.00, 0.55, 0.52, 0.09
HSL	357°, 73%, 66%
HSV	357°, 55%, 91%
XYZ	41.2522, 28.4288, 18.6346
YIQ	143.7710, 73.4450, 29.1010

Conversions

Conversions Part 2

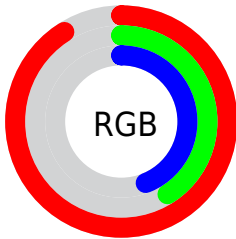
Format	Color
R _Y B	232, 105, 112
Decimal	15231344
CIE Lab	60.27, 49.80, 20.47
CIE LCh	60, 53.838, 22.343
Yxy	28.4288, 0.4671, 0.3219
Android (android.graphics.Color)	4293421424 (0xFFE86970)
YUV	143.7710, -15.6631, 77.3768
Hunter-Lab	53.3187, 44.7964, 16.6015

Details

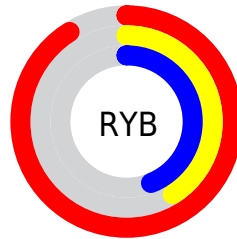
The Yxy color **28.4288, 0.4671, 0.3219** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **66.1518, 0.2464, 0.3377**, and the grayscale version is **27.8363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0819, 0.4007, 0.3250**, and **11.3957, 0.5200, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **23.9006, 0.5131, 0.3216**, and if you desaturate by 10%, it is **34.3677, 0.4257, 0.3228**.

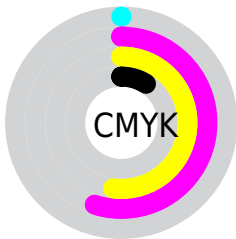
Distribution



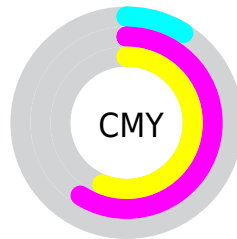
- Red (91%)
- Green (41%)
- Blue (44%)



- Red (91%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (9%)





- Cyan (9%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4288, 0.4671, 0.3219 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 28.4288, 0.4671, 0.3219 by changing the saturation by 10% instead.


 28.4288, 0.4671,
0.3219


 28.4288, 0.4671,
0.3219


294.5102, 0.3831,
0.3295


 18.6491, 0.4900,
0.3183


 57.1683, 0.4351,
0.3258


 11.4170, 0.5202,
0.3126


 76.8970, 0.4235,
0.3270

 6.3481, 0.5617,
0.3028


 100.7107, 0.4139,
0.3278

 3.0579, 0.6207,
0.2849

 128.9940, 0.4058,
0.3283

 1.1620, 0.7393,
0.2607

162.1312, 0.3989,
0.3288

 0.0304, 0.9774,
0.0226

200.5067, 0.3929,

 0.0000, 1.0000,

0.3291

0.0000

244.5049, 0.3877,
0.3293

0.0000, 0.0000,
0.0000

28.4288, 0.4671,
0.3219

28.4288, 0.4671,
0.3219

23.9006, 0.5131,
0.3216

34.3677, 0.4257,
0.3228

20.6622, 0.5594,
0.3223

41.8161, 0.3907,
0.3241

18.5802, 0.5996,
0.3240

50.8691, 0.3619,
0.3256

17.4900, 0.6270,
0.3266

61.6129, 0.3387,
0.3270

17.1830, 0.6357,
0.3275

74.1274, 0.3202,
0.3284

 88.4874, 0.3053,
0.3297

 95.8947, 0.2987,
0.3290

Harmonies

Analogous

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



28.4288, 0.3959, 0.2653



28.4288, 0.4671, 0.3219



28.4288, 0.4864, 0.3844

Triad

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



28.4288, 0.4671, 0.3219



28.4288, 0.3004, 0.4794



28.4288, 0.1810, 0.2035

Complementary

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



28.4288, 0.4671, 0.3219



66.1518, 0.2464, 0.3377

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.



28.4288, 0.1641, 0.2369



28.4288, 0.4671, 0.3219



28.4288, 0.2254, 0.4034

Square

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



28.4288, 0.4671, 0.3219



28.4288, 0.3833, 0.4890



28.4288, 0.1781, 0.3066



28.4288, 0.2282, 0.2003

Rectangle

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



28.4288, 0.4671, 0.3219



28.4288, 0.4685, 0.4262



28.4288, 0.1781, 0.3066



28.4288, 0.1721, 0.2109

Sweetspot

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



28.4303, 0.4671, 0.3219



74.4349, 0.3415, 0.3268



31.7042, 0.3105, 0.1960



15.3176, 0.3461, 0.3265



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.



28.4303, 0.4671, 0.3219



28.8710, 0.5206, 0.3216



43.3302, 0.4364, 0.3907



14.3807, 0.3284, 0.3278



9.5457, 0.6341, 0.3267



0.7099, 0.6177, 0.3176

Inverse Universe

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



28.4303, 0.4671, 0.3219



28.8710, 0.5206, 0.3216



40.2623, 0.2277, 0.2539



14.3807, 0.3284, 0.3278



9.5457, 0.6341, 0.3267



0.7099, 0.6177, 0.3176

Previews

White Background



This preview shows how the Yxy color 28.4288, 0.4671, 0.3219 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4288, 0.4671, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

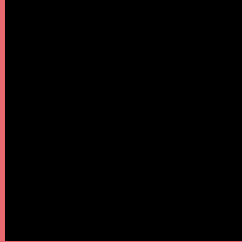
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4288, 0.4671, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 28.4288, 0.4671, 0.3219.



This preview shows how white text looks on a background with the Yxy color 28.4288, 0.4671, 0.3219.

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

28.4288, 0.4671, 0.3219

Protanopia

28.5649, 0.3342, 0.3514

Deuteranopia

28.6810, 0.3868, 0.3797



Tritanopia

28.4288, 0.4671, 0.3219

Trichromacy



Original Color

28.4288, 0.4671, 0.3219

Protanomaly

27.2443, 0.3805, 0.3379

Deuteranomaly

27.7308, 0.4167, 0.3551

Tritanomaly

28.4288, 0.4671, 0.3219

Monochromacy



Original Color

28.4288, 0.4671, 0.3219

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8613, 0.3650, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4288, 0.4671, 0.3219 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(232, 105, 112)` looks like.

```
.text, #text, p{  
    color:rgb(232, 105, 112)  
}
```

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(232, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 105, 112) }
```

Border

The CSS property to change the border of an element to Yxy 28.4288, 0.4671, 0.3219 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(232, 105, 112) }
```

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

```
.border{ border-color:rgb(232, 105, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 105, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(232, 105,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4288, 0.4671, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 105, 112) }
```

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

```
.background{ background-color: rgb(232,  
105, 112) }
```

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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