

Converting Colors

$Y_{xy}(27.2885, 0.4618, 0.3248)$

Have a look what the booklet for
Yxy(27.2885, 0.4618, 0.3248)
contains.

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Color

Yxy(27.2812, 0.4610, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	E06A6E
RGB	224, 106, 110
RGB Percent	88%, 42%, 43%
CMY	0.1216, 0.5843, 0.5686
CMYK	0.00, 0.53, 0.51, 0.12
HSL	358°, 66%, 65%
HSV	358°, 53%, 88%
XYZ	38.7092, 27.2812, 17.9775
YIQ	141.7380, 69.0440, 26.2600

Conversions

Conversions Part 2

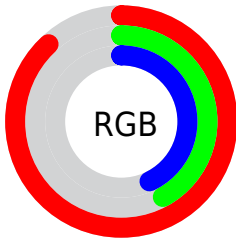
Format	Color
R_{YB}	224, 106, 110
Decimal	14707310
CIE _{Lab}	59.23, 46.34, 19.99
CIE _{LCh}	59, 50.466, 23.339
Yxy	27.2812, 0.4610, 0.3249
Android (android.graphics.Color)	4292897390 (0xFFE06A6E)
YUV	141.7380, -15.6468, 72.1438
Hunter-Lab	52.2314, 40.8833, 16.1549

Details

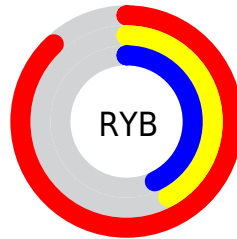
The Yxy color **27.2812, 0.4610, 0.3249** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61.5439, 0.2470, 0.3340**, and the grayscale version is **26.9850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0102, 0.4027, 0.3272**, and **10.7976, 0.5120, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **22.8377, 0.5070, 0.3247**, and if you desaturate by 10%, it is **33.0482, 0.4201, 0.3255**.

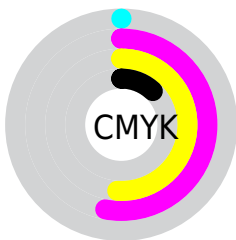
Distribution



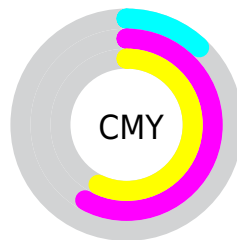
- Red (88%)
- Green (42%)
- Blue (43%)



- Red (88%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (51%)
- Black (12%)




- Cyan (12%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2812, 0.4610, 0.3249 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 27.2812, 0.4610, 0.3249 by changing the saturation by 10% instead.


 27.2812, 0.4610,
0.3249


 27.2812, 0.4610,
0.3249


289.0161, 0.3798,
0.3307


 17.7845, 0.4834,
0.3218


 55.3348, 0.4299,
0.3281


 10.7954, 0.5132,
0.3167


 74.6605, 0.4186,
0.3290

 5.9294, 0.5545,
0.3077

 98.0313, 0.4094,
0.3296

 2.8022, 0.6140,
0.2906

 125.8316, 0.4016,
0.3300

 1.0294, 0.7338,
0.2662

158.4459, 0.3949,
0.3303

 0.0000, 1.0000,
0.0000

196.2584, 0.3892,

 0.0000, 0.0000,

0.3305

0.0000

239.6537, 0.3842,
0.3306

■ 27.2812, 0.4610,
0.3249

■ 27.2812, 0.4610,
0.3249

■ 22.8377, 0.5070,
0.3247

■ 33.0482, 0.4201,
0.3255

■ 19.6088, 0.5541,
0.3251

■ 40.2278, 0.3857,
0.3263

■ 17.4758, 0.5959,
0.3261

■ 48.9062, 0.3575,
0.3271

■ 16.2937, 0.6253,
0.3277

■ 59.1616, 0.3350,
0.3280

■ 15.8640, 0.6373,
0.3284

■ 71.0668, 0.3169,
0.3288

■ 84.6899, 0.3025,
0.3295

■ 94.5874, 0.2940,
0.3289

Harmonies

Analogous

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



27.2812, 0.3947, 0.2698



27.2812, 0.4610, 0.3249



27.2812, 0.4781, 0.3853

Triad

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



27.2812, 0.4610, 0.3249



27.2812, 0.2991, 0.4695



27.2812, 0.1874, 0.2083

Complementary

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



27.2812, 0.4610, 0.3249



61.5439, 0.2470, 0.3340

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.



27.2812, 0.1702, 0.2399



27.2812, 0.4610, 0.3249



27.2812, 0.2277, 0.3965

Square

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



27.2812, 0.4610, 0.3249



27.2812, 0.3786, 0.4821



27.2812, 0.1829, 0.3056



27.2812, 0.2340, 0.2058

Rectangle

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



27.2812, 0.4610, 0.3249



27.2812, 0.4606, 0.4251



27.2812, 0.1829, 0.3056



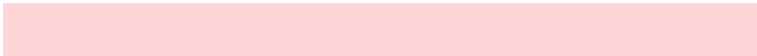
27.2812, 0.1784, 0.2153

Sweetspot

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



27.2826, 0.4610, 0.3249



74.3907, 0.3422, 0.3277



30.6123, 0.3127, 0.2013



15.3072, 0.3468, 0.3275



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.



27.2826, 0.4610, 0.3249



30.2438, 0.5107, 0.3247



41.7202, 0.4286, 0.3908



13.7080, 0.3287, 0.3282



9.2373, 0.6363, 0.3279



0.6430, 0.6254, 0.3219

Inverse Universe

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



27.2826, 0.4610, 0.3249



30.2438, 0.5107, 0.3247



37.5357, 0.2302, 0.2546



13.7080, 0.3287, 0.3282



9.2373, 0.6363, 0.3279



0.6430, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 27.2812, 0.4610, 0.3249 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 27.2812, 0.4610, 0.3249 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 27.2812, 0.4610, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 27.2812, 0.4610, 0.3249.



This preview shows how white text looks on a background with the Yxy color 27.2812, 0.4610, 0.3249.

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

27.2812, 0.4610, 0.3249

Protanopia

27.5930, 0.3345, 0.3534

Deuteranopia

27.3463, 0.3849, 0.3778



Tritanopia

27.3476, 0.4570, 0.3215

Trichromacy



Original Color

27.2812, 0.4610, 0.3249

Protanomaly

26.5758, 0.3781, 0.3425

Deuteranomaly

26.8021, 0.4128, 0.3557

Tritanomaly

27.3252, 0.4583, 0.3226

Monochromacy



Original Color

27.2812, 0.4610, 0.3249

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0829, 0.3629, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2812, 0.4610, 0.3249 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(224, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 106, 110)  
}
```

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(224, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 106, 110) }
```

Border

The CSS property to change the border of an element to Yxy 27.2812, 0.4610, 0.3249 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(224, 106, 110) }
```

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

```
.border{ border-color:rgb(224, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 106,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2812, 0.4610, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 106, 110) }
```

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

```
.background{ background-color: rgb(224,  
106, 110) }
```

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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