

Converting Colors

$Y_{xy}(27.9350, 0.4370, 0.3020)$

Have a look what the booklet for
Yxy(27.9350, 0.4370, 0.3020)
contains.

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Color

Yxy(27.8569, 0.4377, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	E26981
RGB	226, 105, 129
RGB Percent	89%, 41%, 51%
CMY	0.1138, 0.5882, 0.4942
CMYK	0.00, 0.54, 0.43, 0.11
HSL	348°, 68%, 65%
HSV	348°, 54%, 89%
XYZ	40.3741, 27.8569, 24.0104
YIQ	143.9150, 64.4120, 33.1160

Conversions

Conversions Part 2

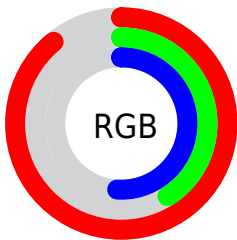
Format	Color
R _Y B	226, 105, 129
Decimal	14838145
CIE Lab	59.76, 49.31, 9.79
CIE LCh	60, 50.273, 11.228
Yxy	27.8569, 0.4377, 0.3020
Android (android.graphics.Color)	4293028225 (0xFFE26981)
YUV	143.9150, -7.3531, 71.9885
Hunter-Lab	52.7796, 44.1801, 9.9736

Details

The Yxy color **27.8569, 0.4377, 0.3020** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.6560, 0.2557, 0.3609**, and the grayscale version is **27.8664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7790, 0.3828, 0.3061**, and **11.1623, 0.4823, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **23.4096, 0.4764, 0.2992**, and if you desaturate by 10%, it is **33.6155, 0.4038, 0.3064**.

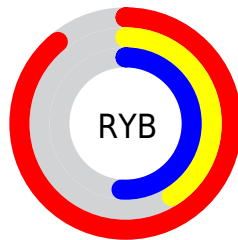
Distribution



Red (89%)

Green (41%)

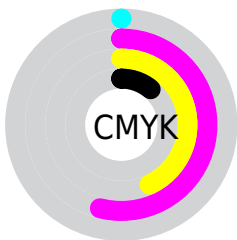
Blue (51%)



Red (89%)

Yellow (41%)

Blue (51%)

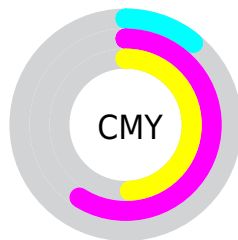


Cyan (0%)

Magenta (54%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (59%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8569, 0.4377, 0.3020 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 27.8569, 0.4377, 0.3020 by changing the saturation by 10% instead.


 27.8569, 0.4377,
0.3020

 27.8569, 0.4377,
0.3020


291.7825, 0.3696,
0.3183


 18.2178, 0.4566,
0.2969


 56.2559, 0.4116,
0.3087

 11.1065, 0.4819,
0.2896


 75.7846, 0.4022,
0.3109

 6.1385, 0.5174,
0.2787


 99.3786, 0.3944,
0.3128

 2.9295, 0.5701,
0.2608

 127.4224, 0.3878,
0.3143

 1.0950, 0.6639,
0.2319

160.3002, 0.3823,
0.3155

 0.0000, 1.0000,
0.0000


198.3966, 0.3775,

 0.0000, 0.0000,


0.3166


0.0000


242.0959, 0.3733,
0.3175

 27.8569, 0.4377,
0.3020


 27.8569, 0.4377,
0.3020


 23.4096, 0.4764,
0.2992

 33.6155, 0.4038,
0.3064


 20.1655, 0.5179,
0.2990

 40.7737, 0.3753,
0.3116


 18.0065, 0.5585,
0.3021

 49.4168, 0.3518,
0.3170

 16.7882, 0.5930,
0.3087

 59.6223, 0.3328,
0.3223

 16.3544, 0.6107,
0.3138

 71.4623, 0.3174,
0.3273

■ 85.0044, 0.3050,
0.3320

■ 94.9067, 0.2952,
0.3289

Harmonies

Analogous

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



27.8569, 0.3596, 0.2516



27.8569, 0.4377, 0.3020



27.8569, 0.4761, 0.3606

Triad

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



27.8569, 0.4377, 0.3020



27.8569, 0.3315, 0.4807



27.8569, 0.1781, 0.2183

Complementary

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



27.8569, 0.4377, 0.3020



61.6560, 0.2557, 0.3609

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.



27.8569, 0.1728, 0.2630



27.8569, 0.4377, 0.3020



27.8569, 0.2549, 0.4301

Square

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



27.8569, 0.4377, 0.3020



27.8569, 0.4073, 0.4694



27.8569, 0.1982, 0.3408



27.8569, 0.2126, 0.2047

Rectangle

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



27.8569, 0.4377, 0.3020



27.8569, 0.4721, 0.4009



27.8569, 0.1982, 0.3408



27.8569, 0.1731, 0.2294

Sweetspot

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



27.8584, 0.4377, 0.3020



74.7434, 0.3373, 0.3209



28.1253, 0.2945, 0.1922



15.3901, 0.3411, 0.3198



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.



27.8584, 0.4377, 0.3020



30.3381, 0.4801, 0.2991



36.3284, 0.4441, 0.3711



13.7447, 0.3261, 0.3244



9.3447, 0.6072, 0.3119



0.6604, 0.5650, 0.2886

Inverse Universe

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



27.8584, 0.4377, 0.3020



30.3381, 0.4801, 0.2991



45.1906, 0.2343, 0.2794



13.7447, 0.3261, 0.3244



9.3447, 0.6072, 0.3119



0.6604, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 27.8569, 0.4377, 0.3020 looks on a white background.

Color Contrast Check

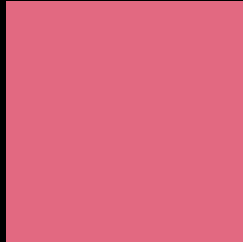
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8569, 0.4377, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

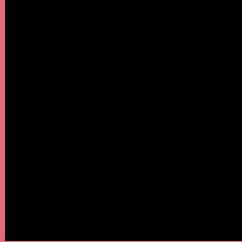
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8569, 0.4377, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 27.8569, 0.4377, 0.3020.



This preview shows how white text looks on a background with the Yxy color 27.8569, 0.4377, 0.3020.

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

27.8569, 0.4377, 0.3020

Protanopia

28.1683, 0.3079, 0.3194

Deuteranopia

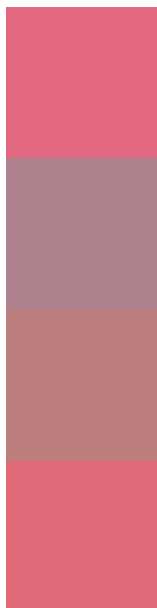
28.0023, 0.3604, 0.3537



Tritanopia

27.7607, 0.4547, 0.3203

Trichromacy



Original Color

27.8569, 0.4377, 0.3020

Protanomaly

26.9169, 0.3508, 0.3114

Deuteranomaly

27.3508, 0.3888, 0.3320

Tritanomaly

27.6717, 0.4485, 0.3134

Monochromacy



Original Color

27.8569, 0.4377, 0.3020

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8280, 0.3543, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8569, 0.4377, 0.3020 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(226, 105, 129)` looks like.

```
.text, #text, p{  
    color:rgb(226, 105, 129)  
}
```

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(226, 105, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 105, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.8569, 0.4377, 0.3020 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(226, 105, 129) }
```

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

```
.border{ border-color:rgb(226, 105, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 105, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 105, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 105, 129); box-shadow:4px 4px 4px 4px rgb(226, 105, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8569, 0.4377, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 105, 129) }
```

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

```
.background{ background-color: rgb(226,  
105, 129) }
```

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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