

Converting Colors

$Y_{xy}(28.2398, 0.4403, 0.3120)$

Have a look what the booklet for
Yxy(28.2398, 0.4403, 0.3120)
contains.

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Color

Yxy(28.2398, 0.4403, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	E06D7C
RGB	224, 109, 124
RGB Percent	88%, 43%, 49%
CMY	0.1215, 0.5726, 0.5137
CMYK	0.00, 0.51, 0.45, 0.12
HSL	352°, 65%, 65%
HSV	352°, 51%, 88%
XYZ	39.8525, 28.2398, 22.4199
YIQ	145.0950, 63.7250, 29.0450

Conversions

Conversions Part 2

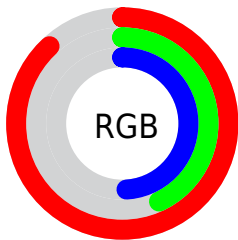
Format	Color
R _Y B	224, 109, 124
Decimal	14708092
CIE Lab	60.10, 46.20, 13.11
CIE LCh	60, 48.021, 15.848
Yxy	28.2398, 0.4403, 0.3120
Android (android.graphics.Color)	4292898172 (0xFFE06D7C)
YUV	145.0950, -10.3998, 69.1997
Hunter-Lab	53.1411, 40.8668, 12.1848

Details

The Yxy color **28.2398, 0.4403, 0.3120** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.1778, 0.2535, 0.3487**, and the grayscale version is **28.3794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5890, 0.3878, 0.3155**, and **11.3357, 0.4864, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **23.6108, 0.4814, 0.3102**, and if you desaturate by 10%, it is **34.1868, 0.4045, 0.3149**.

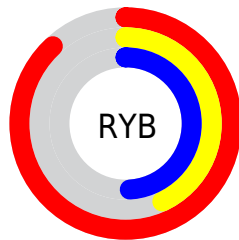
Distribution



Red (88%)

Green (43%)

Blue (49%)



Red (88%)

Yellow (43%)

Blue (49%)

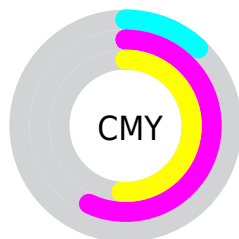


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (12%)



Cyan (12%)


Magenta (57%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2398, 0.4403, 0.3120 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 28.2398, 0.4403, 0.3120 by changing the saturation by 10% instead.


 28.2398, 0.4403,
0.3120


 28.2398, 0.4403,
0.3120


293.6110, 0.3708,
0.3234


 18.5065, 0.4595,
0.3080


 56.8671, 0.4136,
0.3169

 11.3142, 0.4853,
0.3022


 76.5298, 0.4040,
0.3185

 6.2786, 0.5213,
0.2930


 100.2712, 0.3961,
0.3198

 3.0152, 0.5745,
0.2771

 128.4756, 0.3894,
0.3208

 1.1397, 0.6784,
0.2543

161.5273, 0.3837,
0.3216

 0.0116, 0.9902,
0.0098

199.8109, 0.3788,


 0.0000, 1.0000,


0.3223


0.0000


243.7107, 0.3745,
0.3229


 0.0000, 0.0000,
0.0000


 28.2398, 0.4403,
0.3120

 28.2398, 0.4403,
0.3120

 23.6108, 0.4814,
0.3102


 34.1868, 0.4045,
0.3149

 20.1952, 0.5256,
0.3101


 41.5371, 0.3746,
0.3183

 17.8797, 0.5684,
0.3124

 50.3742, 0.3502,
0.3219

 16.5276, 0.6039,
0.3170

 60.7736, 0.3304,
0.3253

 15.9408, 0.6253,
0.3218

 72.8058, 0.3146,
0.3286

■ 86.5370, 0.3018,
0.3316

■ 94.5909, 0.2941,
0.3289

Harmonies

Analogous

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



28.2398, 0.3702, 0.2615



28.2398, 0.4403, 0.3120



28.2398, 0.4696, 0.3692

Triad

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



28.2398, 0.4403, 0.3120



28.2398, 0.3196, 0.4691



28.2398, 0.1868, 0.2193

Complementary

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



28.2398, 0.4403, 0.3120



61.1778, 0.2535, 0.3487

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.



28.2398, 0.1774, 0.2577



28.2398, 0.4403, 0.3120



28.2398, 0.2479, 0.4128

Square

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



28.2398, 0.4403, 0.3120



28.2398, 0.3935, 0.4679



28.2398, 0.1975, 0.3277



28.2398, 0.2246, 0.2101

Rectangle

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



28.2398, 0.4403, 0.3120



28.2398, 0.4613, 0.4076



28.2398, 0.1975, 0.3277



28.2398, 0.1805, 0.2286

Sweetspot

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



28.2413, 0.4403, 0.3120



76.0170, 0.3374, 0.3241



29.8275, 0.3031, 0.2004



15.6353, 0.3415, 0.3233



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.



28.2413, 0.4403, 0.3120



31.0879, 0.4862, 0.3101



39.1422, 0.4313, 0.3785



13.7295, 0.3272, 0.3260



9.2860, 0.6227, 0.3204



0.6532, 0.5879, 0.3012

Inverse Universe

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



28.2413, 0.4403, 0.3120



31.0879, 0.4862, 0.3101



42.0255, 0.2349, 0.2708



13.7295, 0.3272, 0.3260



9.2860, 0.6227, 0.3204



0.6532, 0.5879, 0.3012

Previews

White Background



This preview shows how the Yxy color 28.2398, 0.4403, 0.3120 looks on a white background.

Color Contrast Check

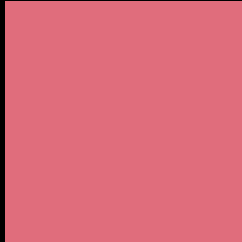
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2398, 0.4403, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

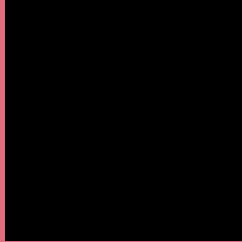
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2398, 0.4403, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 28.2398, 0.4403, 0.3120.



This preview shows how white text looks on a background with the Yxy color 28.2398, 0.4403, 0.3120.

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

28.2398, 0.4403, 0.3120

Protanopia

28.5299, 0.3178, 0.3322

Deuteranopia

28.4129, 0.3667, 0.3611



Tritanopia

28.3072, 0.4478, 0.3202

Trichromacy



Original Color

28.2398, 0.4403, 0.3120

Protanomaly

27.5102, 0.3596, 0.3233

Deuteranomaly

27.7724, 0.3928, 0.3405

Tritanomaly

28.3552, 0.4451, 0.3178

Monochromacy



Original Color

28.2398, 0.4403, 0.3120

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3073, 0.3561, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2398, 0.4403, 0.3120 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, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 109, 124)  
}
```

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, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 109, 124) }
```

Border

The CSS property to change the border of an element to Yxy 28.2398, 0.4403, 0.3120 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, 109, 124) }
```

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

```
.border{ border-color:rgb(224, 109, 124) }
```

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

Here you see how a box with a 4 pixel rgb(224, 109, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 109,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2398, 0.4403, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 109, 124) }
```

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

```
.background{ background-color: rgb(224,  
109, 124) }
```

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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