

Converting Colors

$Yxy(23.3529, 0.4728, 0.2783)$

Have a look what the booklet for
Yxy(23.3529, 0.4728, 0.2783)
contains.

Yxy(23.4040, 0.4729, 0.2788)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.4040, 0.4729, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	EA477A
RGB	234, 71, 122
RGB Percent	92%, 28%, 48%
CMY	0.0824, 0.7215, 0.5215
CMYK	0.00, 0.70, 0.48, 0.08
HSL	341°, 80%, 60%
HSV	341°, 70%, 92%
XYZ	39.6978, 23.4040, 20.8437
YIQ	125.5510, 80.7770, 50.4170

Conversions

Conversions Part 2

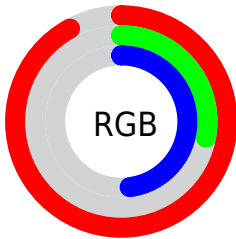
Format	Color
RYB	234, 71, 122
Decimal	15353722
CIELab	55.49, 65.62, 7.99
CIELCh	55, 66.103, 6.939
Yxy	23.4040, 0.4729, 0.2788
Android (android.graphics.Color)	4293543802 (0xFFEA477A)
YUV	125.5510, -1.7506, 95.1098
Hunter-Lab	48.3777, 61.8128, 8.3191

Details

The Yxy color **23.4040, 0.4729, 0.2788** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **63.6018, 0.2550, 0.3998**, and the grayscale version is **20.6916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2813, 0.4005, 0.2837**, and **9.3786, 0.5252, 0.2667** is the 20% darker color. If you saturate the color by 10%, you get **20.6135, 0.5091, 0.2793**, and if you desaturate by 10%, it is **27.4082, 0.4384, 0.2823**.

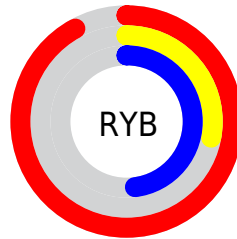
Distribution



Red (92%)

Green (28%)

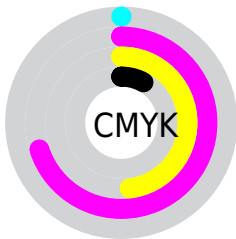
Blue (48%)



Red (92%)

Yellow (28%)

Blue (48%)

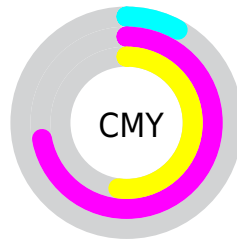


Cyan (0%)

Magenta (70%)

Yellow (48%)

Black (8%)



Cyan (8%)


Magenta (72%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4040, 0.4729, 0.2788 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 23.4040, 0.4729, 0.2788 by changing the saturation by 10% instead.


 23.4040, 0.4729,
0.2788


 23.4040, 0.4729,
0.2788


269.7933, 0.3840,
0.3083

 14.8921, 0.4980,
0.2698

 49.0558, 0.4385,
0.2907


 8.7437, 0.5317,
0.2572


 66.9646, 0.4262,
0.2948

 4.5744, 0.5793,
0.2386

 88.7744, 0.4160,
0.2981

 1.9998, 0.6494,
0.2093

 114.8697, 0.4075,
0.3009

 0.6073, 0.8092,
0.1631

 145.6348, 0.4003,
0.3032

 0.0000, 1.0000,
0.0000

181.4542, 0.3941,

 0.0000, 0.0000,

0.3052

0.0000

222.7122, 0.3887,
0.3069

■ 23.4040, 0.4729,
0.2788

■ 23.4040, 0.4729,
0.2788

■ 20.6135, 0.5091,
0.2793

■ 27.4082, 0.4384,
0.2823

■ 18.8897, 0.5439,
0.2846

■ 32.7429, 0.4073,
0.2885


■ 18.0010, 0.5743,
0.2940

■ 39.5153, 0.3806,
0.2962


■ 17.9759, 0.5753,
0.2943


■ 47.8205, 0.3582,
0.3047

■ 57.7455, 0.3397,
0.3133

 69.3708, 0.3246,
0.3215

 82.7713, 0.3123,
0.3293

 95.9535, 0.3024,
0.3333

 96.2318, 0.2999,
0.3290

Harmonies

Analogous

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



23.4040, 0.3577, 0.2192



23.4040, 0.4729, 0.2788



23.4040, 0.5330, 0.3488

Triad

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



23.4040, 0.4729, 0.2788



23.4040, 0.3430, 0.5461



23.4040, 0.1363, 0.1867

Complementary

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



23.4040, 0.4729, 0.2788



63.6018, 0.2550, 0.3998

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.



23.4040, 0.1332, 0.2464



23.4040, 0.4729, 0.2788



23.4040, 0.2423, 0.4931

Square

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



23.4040, 0.4729, 0.2788



23.4040, 0.4415, 0.5026



23.4040, 0.1668, 0.3600



23.4040, 0.1727, 0.1682

Rectangle

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



23.4040, 0.4729, 0.2788



23.4040, 0.5285, 0.3990



23.4040, 0.1668, 0.3600



23.4040, 0.1316, 0.2012

Sweetspot

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



23.4053, 0.4729, 0.2788



68.3163, 0.3422, 0.3120



20.4401, 0.2667, 0.1494



13.8803, 0.3471, 0.3097



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.



23.4053, 0.4729, 0.2788



23.9113, 0.5259, 0.2812



27.2332, 0.5220, 0.3580



15.1317, 0.3244, 0.3217



10.1218, 0.5713, 0.2921



0.8116, 0.5320, 0.2704

Inverse Universe

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



23.4053, 0.4729, 0.2788



23.9113, 0.5259, 0.2812



50.5210, 0.2231, 0.2885



15.1317, 0.3244, 0.3217



10.1218, 0.5713, 0.2921



0.8116, 0.5320, 0.2704

Previews

White Background



This preview shows how the Yxy color 23.4040, 0.4729, 0.2788 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 23.4040, 0.4729, 0.2788 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 23.4040, 0.4729, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 23.4040, 0.4729, 0.2788.



This preview shows how white text looks on a background with the Yxy color 23.4040, 0.4729, 0.2788.

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

23.4040, 0.4729, 0.2788

Protanopia

23.5700, 0.2854, 0.2887

Deuteranopia

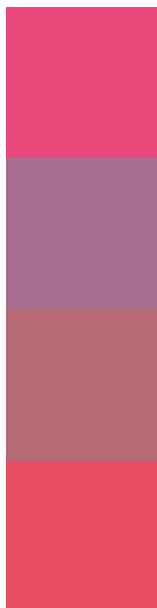
23.4256, 0.3593, 0.3523



Tritanopia

23.3879, 0.5234, 0.3249

Trichromacy



Original Color

23.4040, 0.4729, 0.2788

Protanomaly

21.3810, 0.3446, 0.2775

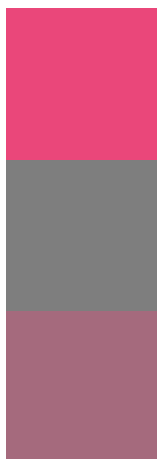
Deuteranomaly

21.7448, 0.4019, 0.3148

Tritanomaly

23.3744, 0.5064, 0.3083

Monochromacy



Original Color

23.4040, 0.4729, 0.2788

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.7881, 0.3687, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4040, 0.4729, 0.2788 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(234, 71, 122)` looks like.

```
.text, #text, p{  
    color:rgb(234, 71, 122)  
}
```

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(234, 71, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 71, 122) }
```

Border

The CSS property to change the border of an element to Yxy 23.4040, 0.4729, 0.2788 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(234, 71, 122) }
```

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

```
.border{ border-color:rgb(234, 71, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 71, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 71, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 71, 122);  
box-shadow:4px 4px 4px 4px rgb(234, 71,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4040, 0.4729, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 71, 122) }
```

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

```
.background{ background-color: rgb(234, 71,  
122) }
```

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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