

Converting Colors

$Y_{xy}(22.1129, 0.4644, 0.2620)$

Have a look what the booklet for
Yxy(22.1129, 0.4644, 0.2620)
contains.

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Color

Yxy(22.1403, 0.4648, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	E93C81
RGB	233, 60, 129
RGB Percent	91%, 24%, 51%
CMY	0.0862, 0.7648, 0.4940
CMYK	0.00, 0.74, 0.45, 0.09
HSL	336°, 80%, 57%
HSV	336°, 74%, 91%
XYZ	39.1882, 22.1403, 22.9834
YIQ	119.5930, 80.9590, 58.1350

Conversions

Conversions Part 2

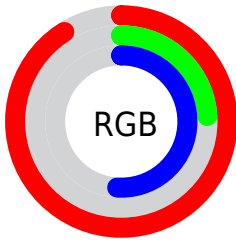
Format	Color
R_{YB}	233, 60, 129
Decimal	15285377
CIE Lab	54.18, 69.66, 1.91
CIE LCh	54, 69.687, 1.570
Yxy	22.1403, 0.4648, 0.2626
Android (android.graphics.Color)	4293475457 (0xFFE93C81)
YUV	119.5930, 4.6377, 99.4579
Hunter-Lab	47.0535, 66.3189, 3.9771

Details

The Yxy color **22.1403, 0.4648, 0.2626** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **61.9279, 0.2606, 0.4279**, and the grayscale version is **18.6090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3121, 0.3939, 0.2670**, and **9.3498, 0.5095, 0.2581** is the 20% darker color. If you saturate the color by 10%, you get **19.8679, 0.4960, 0.2638**, and if you desaturate by 10%, it is **25.5399, 0.4344, 0.2662**.

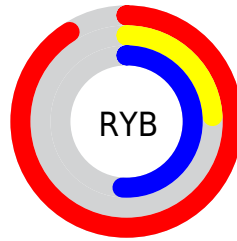
Distribution



Red (91%)

Green (24%)

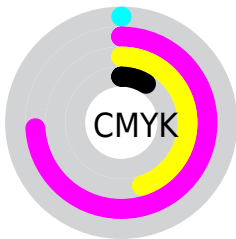
Blue (51%)



Red (91%)

Yellow (24%)

Blue (51%)

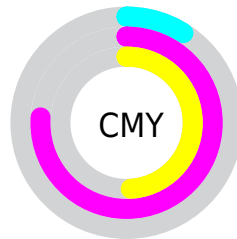


Cyan (0%)

Magenta (74%)

Yellow (45%)

Black (9%)



Cyan (9%)


Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1403, 0.4648, 0.2626 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 22.1403, 0.4648, 0.2626 by changing the saturation by 10% instead.


 22.1403, 0.4648,
0.2626


 22.1403, 0.4648,
0.2626


263.2781, 0.3803,
0.2999

 13.9600, 0.4887,
0.2519


 46.9778, 0.4320,
0.2772

 8.0929, 0.5211,
0.2373


 64.4038, 0.4203,
0.2823


 4.1544, 0.5670,
0.2164

 85.6804, 0.4107,
0.2866

 1.7603, 0.6356,
0.1847

 111.1922, 0.4026,
0.2901

 0.4623, 0.7783,
0.1232

 141.3235, 0.3958,
0.2931

 0.0000, 1.0000,
0.0000

176.4586, 0.3899,

 0.0000, 0.0000,

0.2957

0.0000

216.9820, 0.3848,
0.2979

■ 22.1403, 0.4648,
0.2626

■ 22.1403, 0.4648,
0.2626

■ 19.8679, 0.4960,
0.2638

■ 25.5399, 0.4344,
0.2662

■ 18.5641, 0.5258,
0.2703


■ 30.1902, 0.4065,
0.2733


■ 18.1166, 0.5419,
0.2759


■ 36.2023, 0.3820,
0.2826

■ 43.6739, 0.3611,
0.2932

■ 52.6938, 0.3435,
0.3040

 63.3436, 0.3290,
0.3147

 75.6990, 0.3171,
0.3249

 89.8310, 0.3074,
0.3344

 96.0668, 0.2994,
0.3290

Harmonies

Analogous

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



22.1403, 0.3370, 0.2038



22.1403, 0.4648, 0.2626



22.1403, 0.5427, 0.3335

Triad

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



22.1403, 0.4648, 0.2626



22.1403, 0.3611, 0.5586



22.1403, 0.1244, 0.1854

Complementary

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



22.1403, 0.4648, 0.2626



61.9279, 0.2606, 0.4279

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.



22.1403, 0.1267, 0.2568



22.1403, 0.4648, 0.2626



22.1403, 0.2539, 0.5268

Square

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



22.1403, 0.4648, 0.2626



22.1403, 0.4627, 0.4961



22.1403, 0.1683, 0.3884



22.1403, 0.1555, 0.1605

Rectangle

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



22.1403, 0.4648, 0.2626



22.1403, 0.5462, 0.3846



22.1403, 0.1683, 0.3884



22.1403, 0.1214, 0.2030

Sweetspot

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



22.1415, 0.4648, 0.2626



67.2964, 0.3402, 0.3063



16.9850, 0.2482, 0.1334



13.6920, 0.3445, 0.3034



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.



22.1415, 0.4648, 0.2626



23.4152, 0.5118, 0.2665



22.9999, 0.5549, 0.3440



15.1536, 0.3230, 0.3196



10.3008, 0.5379, 0.2737



0.8274, 0.5012, 0.2535

Inverse Universe

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



22.1415, 0.4648, 0.2626



23.4152, 0.5118, 0.2665



55.8098, 0.2249, 0.3057



15.1536, 0.3230, 0.3196



10.3008, 0.5379, 0.2737



0.8274, 0.5012, 0.2535

Previews

White Background



This preview shows how the Yxy color 22.1403, 0.4648, 0.2626 looks on a white background.

Color Contrast Check

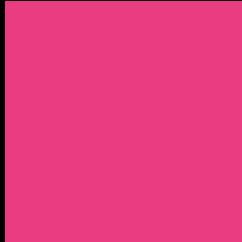
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1403, 0.4648, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

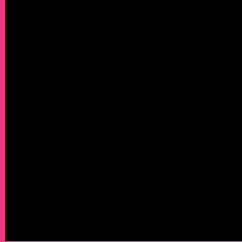
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1403, 0.4648, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 22.1403, 0.4648, 0.2626.



This preview shows how white text looks on a background with the Yxy color 22.1403, 0.4648, 0.2626.

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

22.1403, 0.4648, 0.2626

Protanopia

22.5247, 0.2628, 0.2606

Deuteranopia

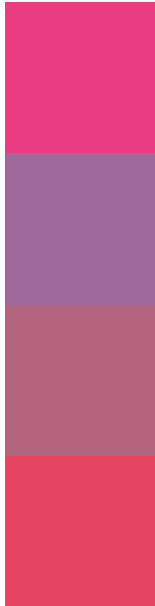
22.1587, 0.3432, 0.3359



Tritanopia

22.1239, 0.5358, 0.3260

Trichromacy



Original Color

22.1403, 0.4648, 0.2626

Protanomaly

19.7408, 0.3227, 0.2512

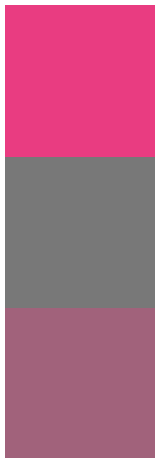
Deuteranomaly

20.2276, 0.3894, 0.2955

Tritanomaly

21.9677, 0.5125, 0.3032

Monochromacy



Original Color

22.1403, 0.4648, 0.2626

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.7425, 0.3690, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1403, 0.4648, 0.2626 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(233, 60, 129)` looks like.

```
.text, #text, p{  
    color:rgb(233, 60, 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(233, 60, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 60, 129) }
```

Border

The CSS property to change the border of an element to Yxy 22.1403, 0.4648, 0.2626 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(233, 60, 129) }
```

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

```
.border{ border-color:rgb(233, 60, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 60, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 60, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 60, 129);  
box-shadow:4px 4px 4px 4px rgb(233, 60,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1403, 0.4648, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 60, 129) }
```

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

```
.background{ background-color: rgb(233, 60,  
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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