

Converting Colors

$Y_{xy}(22.5995, 0.4650, 0.2611)$

Have a look what the booklet for
Yxy(22.5995, 0.4650, 0.2611)
contains.

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Color

Yxy(22.5995, 0.4650, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	EC3B83
RGB	236, 59, 131
RGB Percent	93%, 23%, 51%
CMY	0.0746, 0.7685, 0.4863
CMYK	0.00, 0.75, 0.44, 0.07
HSL	336°, 82%, 58%
HSV	336°, 75%, 93%
XYZ	40.2481, 22.5995, 23.7074
YIQ	120.1310, 82.3800, 59.9160

Conversions

Conversions Part 2

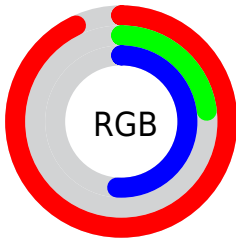
Format	Color
R_{YB}	236, 59, 131
Decimal	15481731
CIE _{Lab}	54.66, 70.91, 1.50
CIE _{LCh}	55, 70.926, 1.214
Yxy	22.5995, 0.4650, 0.2611
Android (android.graphics.Color)	4293671811 (0xFFEC3B83)
YUV	120.1310, 5.3584, 101.6171
Hunter-Lab	47.5389, 67.9310, 3.7097

Details

The Yxy color **22.5995, 0.4650, 0.2611** is a dark color, and the websafe version is hex **CC0066**, and the color name is **cerise pink**. The color can be described as middle washed rose. A complement of this color would be **63.5950, 0.2611, 0.4312**, and the grayscale version is **18.7951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3954, 0.3915, 0.2650**, and **9.6079, 0.5071, 0.2567** is the 20% darker color. If you saturate the color by 10%, you get **20.3425, 0.4958, 0.2626**, and if you desaturate by 10%, it is **26.0059, 0.4349, 0.2645**.

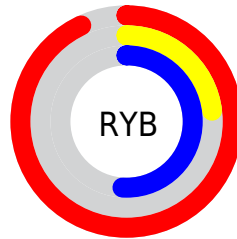
Distribution



Red (93%)

Green (23%)

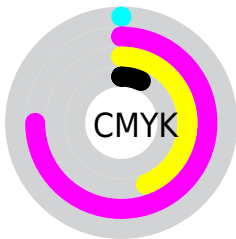
Blue (51%)



Red (93%)

Yellow (23%)

Blue (51%)

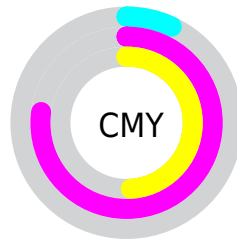


Cyan (0%)

Magenta (75%)

Yellow (44%)

Black (7%)



Cyan (7%)


Magenta (77%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5995, 0.4650, 0.2611 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 22.5995, 0.4650, 0.2611 by changing the saturation by 10% instead.


 22.5995, 0.4650,
0.2611


 22.5995, 0.4650,
0.2611


265.6612, 0.3807,
0.2990


 14.2981, 0.4887,
0.2503


 47.7349, 0.4324,
0.2758


 8.3283, 0.5208,
0.2357

 65.3376, 0.4207,
0.2811


 4.3057, 0.5659,
0.2149

 86.8095, 0.4111,
0.2854

 1.8460, 0.6331,
0.1836

 112.5351, 0.4031,
0.2890

 0.5156, 0.7620,
0.1263

 142.8986, 0.3962,
0.2921

 0.0000, 1.0000,
0.0000

178.2845, 0.3903,

 0.0000, 0.0000,

0.2947

0.0000

219.0773, 0.3852,
0.2970

■ 22.5995, 0.4650,
0.2611

■ 22.5995, 0.4650,
0.2611

■ 20.3425, 0.4958,
0.2626

■ 26.0059, 0.4349,
0.2645

■ 19.0682, 0.5251,
0.2694

■ 30.6906, 0.4073,
0.2716


■ 18.6737, 0.5389,
0.2742


■ 36.7694, 0.3828,
0.2810


■ 44.3437, 0.3619,
0.2917

■ 53.5055, 0.3443,
0.3027

 64.3394, 0.3298,
0.3136

 76.9240, 0.3178,
0.3241

 91.3327, 0.3080,
0.3338

 96.5702, 0.3011,
0.3290

Harmonies

Analogous

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



22.5995, 0.3356, 0.2022



22.5995, 0.4650, 0.2611



22.5995, 0.5446, 0.3323

Triad

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



22.5995, 0.4650, 0.2611



22.5995, 0.3622, 0.5605



22.5995, 0.1228, 0.1846

Complementary

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



22.5995, 0.4650, 0.2611



63.5950, 0.2611, 0.4312

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.



22.5995, 0.1255, 0.2571



22.5995, 0.4650, 0.2611



22.5995, 0.2542, 0.5305

Square

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



22.5995, 0.4650, 0.2611



22.5995, 0.4645, 0.4960



22.5995, 0.1677, 0.3908



22.5995, 0.1537, 0.1593

Rectangle

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



22.5995, 0.4650, 0.2611



22.5995, 0.5484, 0.3835



22.5995, 0.1677, 0.3908



22.5995, 0.1199, 0.2025

Sweetspot

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



22.6008, 0.4650, 0.2611



67.3192, 0.3398, 0.3059



16.8961, 0.2445, 0.1305



13.6974, 0.3441, 0.3029



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.



22.6008, 0.4650, 0.2611



23.3042, 0.5119, 0.2656



23.0157, 0.5608, 0.3414



15.1556, 0.3229, 0.3195



10.3190, 0.5348, 0.2720



0.8289, 0.4985, 0.2520

Inverse Universe

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



22.6008, 0.4650, 0.2611



23.3042, 0.5119, 0.2656



58.8257, 0.2254, 0.3094



15.1556, 0.3229, 0.3195



10.3190, 0.5348, 0.2720



0.8289, 0.4985, 0.2520

Previews

White Background



This preview shows how the Yxy color 22.5995, 0.4650, 0.2611 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 22.5995, 0.4650, 0.2611 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 22.5995, 0.4650, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 22.5995, 0.4650, 0.2611.



This preview shows how white text looks on a background with the Yxy color 22.5995, 0.4650, 0.2611.

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

22.5995, 0.4650, 0.2611

Protanopia

22.9043, 0.2606, 0.2580

Deuteranopia

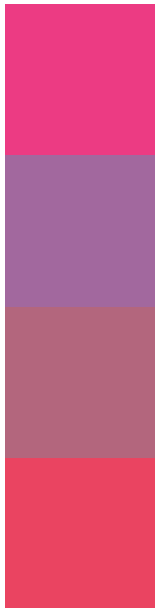
22.7869, 0.3427, 0.3375



Tritanopia

22.6245, 0.5381, 0.3261

Trichromacy



Original Color

22.5995, 0.4650, 0.2611

Protanomaly

20.0506, 0.3216, 0.2478

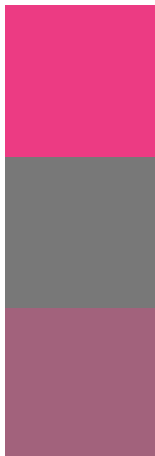
Deuteranomaly

20.5671, 0.3888, 0.2957

Tritanomaly

22.4897, 0.5136, 0.3027

Monochromacy



Original Color

22.5995, 0.4650, 0.2611

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.8720, 0.3689, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5995, 0.4650, 0.2611 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(236, 59, 131)` looks like.

```
.text, #text, p{  
    color:rgb(236, 59, 131)  
}
```

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(236, 59, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 59, 131) }
```

Border

The CSS property to change the border of an element to Yxy 22.5995, 0.4650, 0.2611 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(236, 59, 131) }
```

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

```
.border{ border-color:rgb(236, 59, 131) }
```

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

Here you see how a box with a 4 pixel rgb(236, 59, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 59, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 59, 131);  
box-shadow:4px 4px 4px 4px rgb(236, 59,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5995, 0.4650, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 59, 131) }
```

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

```
.background{ background-color: rgb(236, 59,  
131) }
```

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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