

Converting Colors

$Y_{xy}(23.0281, 0.4901, 0.2992)$

Have a look what the booklet for
Yxy(23.0281, 0.4901, 0.2992)
contains.

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Color

Yxy(23.0325, 0.4915, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	E64C6A
RGB	230, 76, 106
RGB Percent	90%, 30%, 42%
CMY	0.0982, 0.7018, 0.5844
CMYK	0.00, 0.67, 0.54, 0.10
HSL	348°, 75%, 60%
HSV	348°, 67%, 90%
XYZ	37.8105, 23.0325, 16.0858
YIQ	125.4660, 82.1540, 41.9780

Conversions

Conversions Part 2

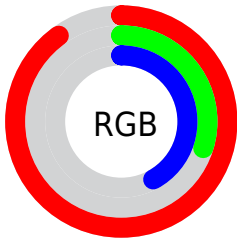
Format	Color
R _Y B	230, 76, 106
Decimal	15092842
CIE Lab	55.11, 61.24, 16.87
CIE LCh	55, 63.519, 15.400
Yxy	23.0325, 0.4915, 0.2994
Android (android.graphics.Color)	4293282922 (0xFFE64C6A)
YUV	125.4660, -9.5967, 91.6763
Hunter-Lab	47.9922, 56.6445, 13.7220

Details

The Yxy color **23.0325, 0.4915, 0.2994** 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 **62.2844, 0.2475, 0.3697**, and the grayscale version is **20.6923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4694, 0.4190, 0.3044**, and **8.6406, 0.5555, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **20.0644, 0.5334, 0.3003**, and if you desaturate by 10%, it is **27.2185, 0.4513, 0.3013**.

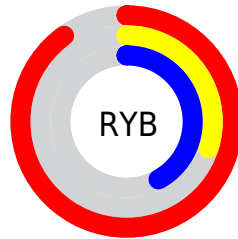
Distribution



Red (90%)

Green (30%)

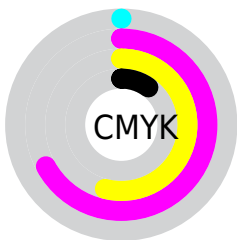
Blue (42%)



Red (90%)

Yellow (30%)

Blue (42%)

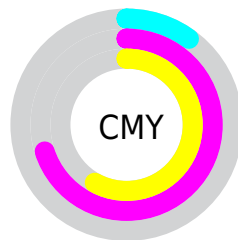


Cyan (0%)

Magenta (67%)

Yellow (54%)

Black (10%)



Cyan (10%)


Magenta (70%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0325, 0.4915, 0.2994 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 23.0325, 0.4915, 0.2994 by changing the saturation by 10% instead.


 23.0325, 0.4915,
0.2994


 23.0325, 0.4915,
0.2994


267.8919, 0.3917,
0.3198


 14.6175, 0.5196,
0.2920


 48.4467, 0.4528,
0.3084

 8.5514, 0.5574,
0.2809


 66.2147, 0.4389,
0.3113


 4.4497, 0.6098,
0.2633

 87.8691, 0.4276,
0.3135

 1.9282, 0.6880,
0.2341

 113.7944, 0.4180,
0.3153

 0.5652, 0.8259,
0.1741

 144.3749, 0.4099,
0.3168

 0.0000, 1.0000,
0.0000

179.9951, 0.4030,

 0.0000, 0.0000,

0.3180

0.0000

221.0393, 0.3970,
0.3189

■ 23.0325, 0.4915,
0.2994

■ 23.0325, 0.4915,
0.2994

■ 20.0644, 0.5334,
0.3003

■ 27.2185, 0.4513,
0.3013

■ 18.1778, 0.5725,
0.3047

■ 32.7318, 0.4154,
0.3052


■ 17.2045, 0.6038,
0.3121

■ 39.6740, 0.3848,
0.3101

■ 17.0047, 0.6118,
0.3144


■ 48.1355, 0.3595,
0.3154

■ 58.1995, 0.3390,
0.3206

 69.9430, 0.3223,
0.3257

 83.4381, 0.3089,
0.3304

 95.5044, 0.2980,
0.3298

 95.5573, 0.2975,
0.3290

Harmonies

Analogous

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



23.0325, 0.3899, 0.2371



23.0325, 0.4915, 0.2994



23.0325, 0.5287, 0.3700

Triad

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



23.0325, 0.4915, 0.2994



23.0325, 0.3150, 0.5350



23.0325, 0.1473, 0.1820

Complementary

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



23.0325, 0.4915, 0.2994



62.2844, 0.2475, 0.3697

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.



23.0325, 0.1352, 0.2280



23.0325, 0.4915, 0.2994



23.0325, 0.2206, 0.4543

Square

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



23.0325, 0.4915, 0.2994



23.0325, 0.4137, 0.5159



23.0325, 0.1576, 0.3236



23.0325, 0.1929, 0.1728

Rectangle

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



23.0325, 0.4915, 0.2994



23.0325, 0.5120, 0.4203



23.0325, 0.1576, 0.3236



23.0325, 0.1397, 0.1926

Sweetspot

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



23.0338, 0.4915, 0.2994



69.2967, 0.3450, 0.3190



23.0545, 0.2877, 0.1639



14.0577, 0.3508, 0.3175



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.



23.0338, 0.4915, 0.2994



24.3775, 0.5478, 0.3014



31.3145, 0.4932, 0.3774



14.4136, 0.3262, 0.3245



9.6439, 0.6084, 0.3125



0.7255, 0.5689, 0.2908

Inverse Universe

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



23.0338, 0.4915, 0.2994



24.3775, 0.5478, 0.3014



41.4443, 0.2191, 0.2643



14.4136, 0.3262, 0.3245



9.6439, 0.6084, 0.3125



0.7255, 0.5689, 0.2908

Previews

White Background



This preview shows how the Yxy color 23.0325, 0.4915, 0.2994 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 23.0325, 0.4915, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

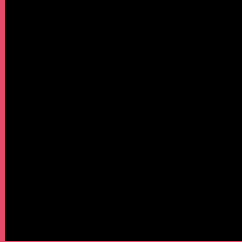
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0325, 0.4915, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 23.0325, 0.4915, 0.2994.



This preview shows how white text looks on a background with the Yxy color 23.0325, 0.4915, 0.2994.

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

23.0325, 0.4915, 0.2994

Protanopia

23.2921, 0.3129, 0.3255

Deuteranopia

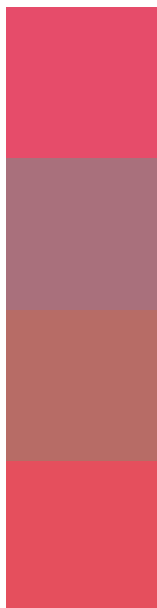
23.1475, 0.3815, 0.3750



Tritanopia

23.0512, 0.5188, 0.3248

Trichromacy



Original Color

23.0325, 0.4915, 0.2994

Protanomaly

21.4786, 0.3731, 0.3107

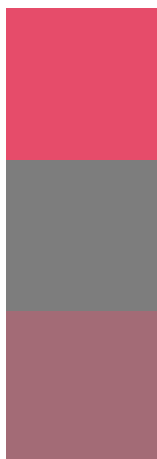
Deuteranomaly

21.7517, 0.4239, 0.3379

Tritanomaly

23.0403, 0.5082, 0.3157

Monochromacy



Original Color

23.0325, 0.4915, 0.2994

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.6099, 0.3756, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0325, 0.4915, 0.2994 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(230, 76, 106)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 106)  
}
```

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(230, 76, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.0325, 0.4915, 0.2994 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(230, 76, 106) }
```

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

```
.border{ border-color:rgb(230, 76, 106) }
```

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

Here you see how a box with a 4 pixel rgb(230, 76, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 106);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
106) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0325, 0.4915, 0.2994$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 106) }
```

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

```
.background{ background-color: rgb(230, 76,  
106) }
```

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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