

Converting Colors

$Yxy(19.5514, 0.4939, 0.2661)$

Have a look what the booklet for
Yxy(19.5514, 0.4939, 0.2661)
contains.

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Color

Yxy(19.6238, 0.4936, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	E62972
RGB	230, 41, 114
RGB Percent	90%, 16%, 45%
CMY	0.0980, 0.8394, 0.5529
CMYK	0.00, 0.82, 0.50, 0.10
HSL	337°, 79%, 53%
HSV	337°, 82%, 90%
XYZ	36.4695, 19.6238, 17.7915
YIQ	105.8330, 89.2110, 62.7710

Conversions

Conversions Part 2

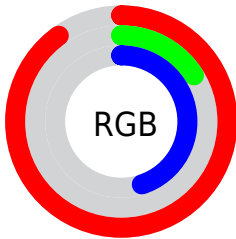
Format	Color
R_{YB}	230, 41, 114
Decimal	15083890
CIE _{Lab}	51.41, 72.77, 6.88
CIE _{LCh}	51, 73.097, 5.403
Yxy	19.6238, 0.4936, 0.2656
Android (android.graphics.Color)	4293273970 (0xFFE62972)
YUV	105.8330, 4.0263, 108.8945
Hunter-Lab	44.2988, 69.4296, 7.1968

Details

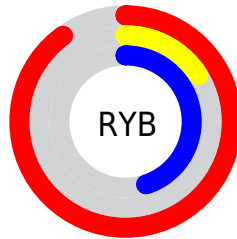
The Yxy color **19.6238, 0.4936, 0.2656** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **59.5091, 0.2589, 0.4366**, and the grayscale version is **14.3306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7383, 0.4172, 0.2710**, and **8.7301, 0.5366, 0.2730** is the 20% darker color. If you saturate the color by 10%, you get **18.1761, 0.5245, 0.2712**, and if you desaturate by 10%, it is **22.0509, 0.4616, 0.2653**.

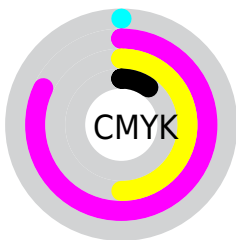
Distribution



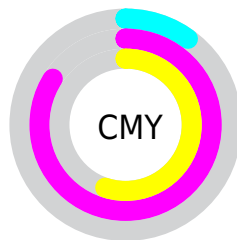
- Red (90%)
- Green (16%)
- Blue (45%)



- Red (90%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (82%)
- Yellow (50%)
- Black (10%)




- Cyan (10%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6238, 0.4936, 0.2656 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 19.6238, 0.4936, 0.2656 by changing the saturation by 10% instead.


 19.6238, 0.4936,
0.2656


 19.6238, 0.4936,
0.2656


249.8712, 0.3912,
0.3032


 12.1219, 0.5232,
0.2540


 42.7856, 0.4534,
0.2808


 6.8267, 0.5635,
0.2377


 59.2142, 0.4392,
0.2861

 3.3540, 0.6206,
0.2136

 79.3871, 0.4276,
0.2903

 1.3192, 0.7051,
0.1758

 103.6889, 0.4179,
0.2938

 0.1560, 0.9403,
0.0597

 132.5037, 0.4096,
0.2967

 0.0000, 1.0000,
0.0000

166.2162, 0.4026,

 0.0000, 0.0000,

0.2992

0.0000

205.2105, 0.3965,
0.3013

■ 19.6238, 0.4936,
0.2656

■ 19.6238, 0.4936,
0.2656

■ 18.1761, 0.5245,
0.2712

■ 22.0509, 0.4616,
0.2653


■ 17.5460, 0.5468,
0.2786


■ 25.5973, 0.4309,
0.2694


■ 30.3833, 0.4030,
0.2768

■ 36.5128, 0.3787,
0.2861

■ 44.0784, 0.3580,
0.2964

 53.1648, 0.3408,
0.3070

 63.8497, 0.3266,
0.3172

 76.2057, 0.3150,
0.3270

 90.3008, 0.3054,
0.3360

Harmonies

Analogous

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



19.6238, 0.3562, 0.2020



19.6238, 0.4936, 0.2656



19.6238, 0.5652, 0.3398

Triad

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



19.6238, 0.4936, 0.2656



19.6238, 0.3448, 0.5819



19.6238, 0.1154, 0.1692

Complementary

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



19.6238, 0.4936, 0.2656



59.5091, 0.2589, 0.4366

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.



19.6238, 0.1125, 0.2357



19.6238, 0.4936, 0.2656



19.6238, 0.2327, 0.5336

Square

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



19.6238, 0.4936, 0.2656



19.6238, 0.4556, 0.5151



19.6238, 0.1486, 0.3712



19.6238, 0.1521, 0.1492

Rectangle

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



19.6238, 0.4936, 0.2656



19.6238, 0.5584, 0.3936



19.6238, 0.1486, 0.3712



19.6238, 0.1107, 0.1850

Sweetspot

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



19.6249, 0.4936, 0.2656



63.5827, 0.3456, 0.3039



14.2063, 0.2397, 0.1196



12.7371, 0.3516, 0.3002



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.



19.6249, 0.4936, 0.2656



22.2376, 0.5454, 0.2783



20.2039, 0.5871, 0.3423



14.4597, 0.3232, 0.3200



9.9537, 0.5427, 0.2763



0.7533, 0.5035, 0.2547

Inverse Universe

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



19.6249, 0.4936, 0.2656



22.2376, 0.5454, 0.2783



52.8308, 0.2209, 0.3029



14.4597, 0.3232, 0.3200



9.9537, 0.5427, 0.2763



0.7533, 0.5035, 0.2547

Previews

White Background



This preview shows how the Yxy color 19.6238, 0.4936, 0.2656 looks on a white background.

Color Contrast Check

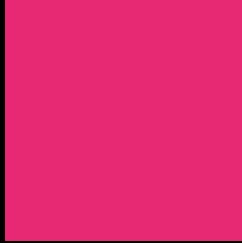
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6238, 0.4936, 0.2656 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 19.6238, 0.4936, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 19.6238, 0.4936, 0.2656.

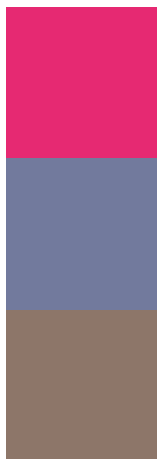


This preview shows how white text looks on a background with the Yxy color 19.6238, 0.4936, 0.2656.

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

19.6238, 0.4936, 0.2656

Protanopia

19.9308, 0.2679, 0.2671

Deuteranopia

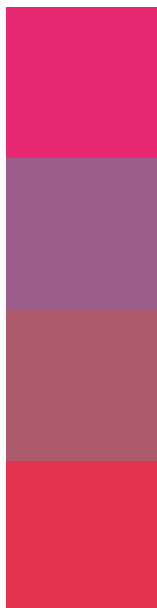
19.6395, 0.3590, 0.3523



Tritanopia

19.5729, 0.5690, 0.3282

Trichromacy



Original Color

19.6238, 0.4936, 0.2656

Protanomaly

16.8197, 0.3372, 0.2529

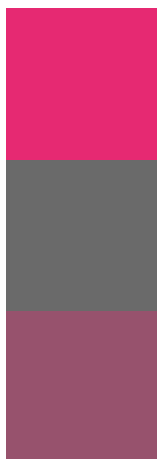
Deuteranomaly

17.2793, 0.4129, 0.3023

Tritanomaly

19.4261, 0.5461, 0.3067

Monochromacy



Original Color

19.6238, 0.4936, 0.2656

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.7180, 0.3831, 0.2834

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6238, 0.4936, 0.2656 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, 41, 114)` looks like.

```
.text, #text, p{  
    color:rgb(230, 41, 114)  
}
```

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, 41, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 41, 114) }
```

Border

The CSS property to change the border of an element to Yxy 19.6238, 0.4936, 0.2656 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, 41, 114) }
```

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

```
.border{ border-color:rgb(230, 41, 114) }
```

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

Here you see how a box with a 4 pixel rgb(230, 41, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 41, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 41, 114);  
box-shadow:4px 4px 4px 4px rgb(230, 41,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6238, 0.4936, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 41, 114) }
```

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

```
.background{ background-color: rgb(230, 41,  
114) }
```

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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