

Converting Colors

$Y_{xy}(19.6932, 0.4883, 0.2625)$

Have a look what the booklet for
Yxy(19.6932, 0.4883, 0.2625)
contains.

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Color

Yxy(19.6932, 0.4883, 0.2625)

Conversions

Conversions Part 1

Format	Color
Hex	E62975
RGB	230, 41, 117
RGB Percent	90%, 16%, 46%
CMY	0.0981, 0.8390, 0.5412
CMYK	0.00, 0.82, 0.49, 0.10
HSL	336°, 79%, 53%
HSV	336°, 82%, 90%
XYZ	36.6331, 19.6932, 18.6954
YIQ	106.1750, 88.2480, 63.7040

Conversions

Conversions Part 2

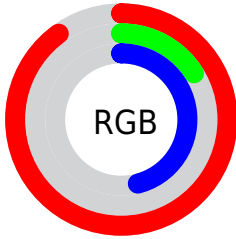
Format	Color
R_{YB}	230, 41, 117
Decimal	15083893
CIE _{Lab}	51.49, 72.97, 5.20
CIE _{LCh}	51, 73.158, 4.074
Yxy	19.6932, 0.4883, 0.2625
Android (android.graphics.Color)	4293273973 (0xFFE62975)
YUV	106.1750, 5.3367, 108.5945
Hunter-Lab	44.3770, 69.6914, 6.0859

Details

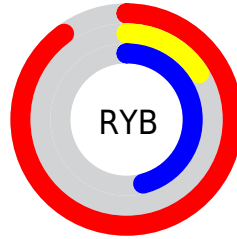
The Yxy color **19.6932, 0.4883, 0.2625** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **59.3936, 0.2603, 0.4411**, and the grayscale version is **14.4376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8497, 0.4134, 0.2680**, and **8.7545, 0.5317, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **18.2391, 0.5185, 0.2678**, and if you desaturate by 10%, it is **22.1251, 0.4573, 0.2625**.

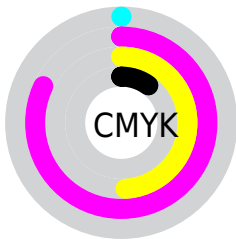
Distribution



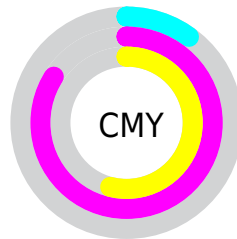
- Red (90%)
- Green (16%)
- Blue (46%)



- Red (90%)
- Yellow (16%)
- Blue (46%)



- Cyan (0%)
- Magenta (82%)
- Yellow (49%)
- Black (10%)





- Cyan (10%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6932, 0.4883, 0.2625 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 19.6932, 0.4883, 0.2625 by changing the saturation by 10% instead.


 19.6932, 0.4883,
0.2625


 19.6932, 0.4883,
0.2625


250.2494, 0.3891,
0.3013


 12.1722, 0.5170,
0.2507


 42.9022, 0.4494,
0.2781


 6.8611, 0.5560,
0.2344


 59.3590, 0.4356,
0.2835


 3.3754, 0.6115,
0.2104

 79.5633, 0.4243,
0.2879

 1.3307, 0.6940,
0.1731

 103.8993, 0.4149,
0.2915

 0.1648, 0.9378,
0.0622

 132.7515, 0.4070,
0.2945

 0.0000, 1.0000,
0.0000

166.5044, 0.4001,

 0.0000, 0.0000,

0.2971

0.0000

205.5422, 0.3942,
0.2994

■ 19.6932, 0.4883,
0.2625

■ 19.6932, 0.4883,
0.2625

■ 18.2391, 0.5185,
0.2678

■ 22.1251, 0.4573,
0.2625


■ 17.6010, 0.5405,
0.2751


■ 25.6742, 0.4275,
0.2670


■ 30.4606, 0.4005,
0.2748


■ 36.5878, 0.3769,
0.2845

■ 44.1484, 0.3568,
0.2952

 53.2268, 0.3401,
0.3061

 63.9005, 0.3262,
0.3168

 76.2419, 0.3149,
0.3269

 90.3190, 0.3056,
0.3363

Harmonies

Analogous

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



19.6932, 0.3499, 0.1997



19.6932, 0.4883, 0.2625



19.6932, 0.5641, 0.3364

Triad

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



19.6932, 0.4883, 0.2625



19.6932, 0.3499, 0.5806



19.6932, 0.1146, 0.1710

Complementary

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



19.6932, 0.4883, 0.2625



59.3936, 0.2603, 0.4411

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.



19.6932, 0.1133, 0.2402



19.6932, 0.4883, 0.2625



19.6932, 0.2373, 0.5389

Square

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



19.6932, 0.4883, 0.2625



19.6932, 0.4601, 0.5110



19.6932, 0.1513, 0.3786



19.6932, 0.1498, 0.1494

Rectangle

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



19.6932, 0.4883, 0.2625



19.6932, 0.5600, 0.3898



19.6932, 0.1513, 0.3786



19.6932, 0.1104, 0.1876

Sweetspot

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



19.6943, 0.4883, 0.2625



63.6338, 0.3448, 0.3029



13.9066, 0.2366, 0.1180



12.7491, 0.3507, 0.2990



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.



19.6943, 0.4883, 0.2625



22.3150, 0.5391, 0.2749



19.8875, 0.5895, 0.3400



14.4635, 0.3230, 0.3196



9.9887, 0.5364, 0.2729



0.7561, 0.4979, 0.2517

Inverse Universe

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



19.6943, 0.4883, 0.2625



22.3150, 0.5391, 0.2749



54.4007, 0.2221, 0.3074



14.4635, 0.3230, 0.3196



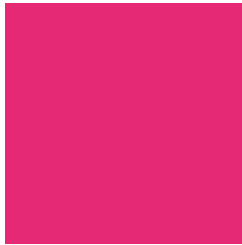
9.9887, 0.5364, 0.2729



0.7561, 0.4979, 0.2517

Previews

White Background



This preview shows how the Yxy color 19.6932, 0.4883, 0.2625 looks on a white background.

Color Contrast Check

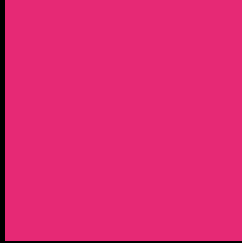
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6932, 0.4883, 0.2625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

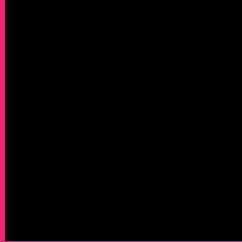
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6932, 0.4883, 0.2625

Background



This preview shows how black text looks on a background with the Yxy color 19.6932, 0.4883, 0.2625.



This preview shows how white text looks on a background with the Yxy color 19.6932, 0.4883, 0.2625.

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

19.6932, 0.4883, 0.2625

Protanopia

20.0030, 0.2633, 0.2607

Deuteranopia

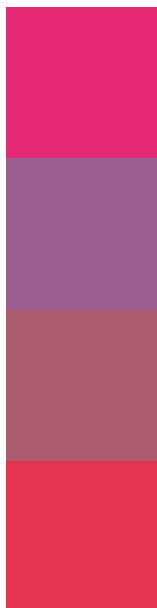
19.9391, 0.3547, 0.3486



Tritanopia

19.6832, 0.5670, 0.3282

Trichromacy



Original Color

19.6932, 0.4883, 0.2625

Protanomaly

16.9410, 0.3317, 0.2472

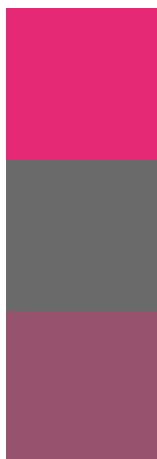
Deuteranomaly

17.5141, 0.4074, 0.2993

Tritanomaly

19.5440, 0.5425, 0.3055

Monochromacy



Original Color

19.6932, 0.4883, 0.2625

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.7397, 0.3814, 0.2818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6932, 0.4883, 0.2625 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(230, 41, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 41, 117) }
```

Border

The CSS property to change the border of an element to Yxy 19.6932, 0.4883, 0.2625 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, 117) }
```

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

```
.border{ border-color:rgb(230, 41, 117) }
```

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, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 41, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 41, 117);  
box-shadow:4px 4px 4px 4px rgb(230, 41,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6932, 0.4883, 0.2625 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, 117) }
```

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

```
.background{ background-color: rgb(230, 41,  
117) }
```

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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