

Converting Colors

$Yxy(18.0478, 0.4987, 0.2646)$

Have a look what the booklet for
Yxy(18.0478, 0.4987, 0.2646)
contains.

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Color

Yxy(18.0955, 0.4986, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	E0226D
RGB	224, 34, 109
RGB Percent	88%, 13%, 43%
CMY	0.1216, 0.8666, 0.5725
CMYK	0.00, 0.85, 0.51, 0.12
HSL	336°, 75%, 51%
HSV	336°, 85%, 88%
XYZ	34.0726, 18.0955, 16.1684
YIQ	99.3600, 89.1650, 63.6050

Conversions

Conversions Part 2

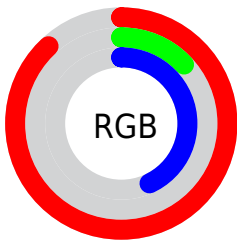
Format	Color
R_{YB}	224, 34, 109
Decimal	14688877
CIE _{Lab}	49.61, 72.38, 7.21
CIE _{LCh}	50, 72.738, 5.692
Yxy	18.0955, 0.4986, 0.2648
Android (android.graphics.Color)	4292878957 (0xFFE0226D)
YUV	99.3600, 4.7525, 109.3093
Hunter-Lab	42.5388, 68.5313, 7.2419

Details

The Yxy color **18.0955, 0.4986, 0.2648** 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 **55.8200, 0.2598, 0.4429**, and the grayscale version is **12.5475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4986, 0.4267, 0.2726**, and **8.0292, 0.5424, 0.2762** is the 20% darker color. If you saturate the color by 10%, you get **16.9352, 0.5285, 0.2716**, and if you desaturate by 10%, it is **20.1357, 0.4672, 0.2633**.

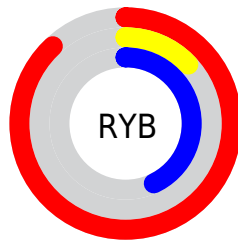
Distribution



Red (88%)

Green (13%)

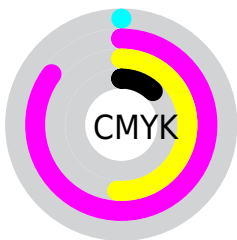
Blue (43%)



Red (88%)

Yellow (13%)

Blue (43%)

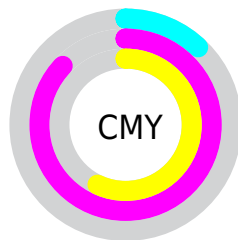


Cyan (0%)

Magenta (85%)

Yellow (51%)

Black (12%)



Cyan (12%)


Magenta (87%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0955, 0.4986, 0.2648 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 18.0955, 0.4986, 0.2648 by changing the saturation by 10% instead.


 18.0955, 0.4986,
0.2648


 18.0955, 0.4986,
0.2648


241.4088, 0.3922,
0.3034


 11.0186, 0.5299,
0.2526


 40.2000, 0.4565,
0.2806

 6.0793, 0.5727,
0.2353


 55.9963, 0.4417,
0.2860


 2.8934, 0.6340,
0.2093


 75.4680, 0.4296,
0.2903

 1.0763, 0.7285,
0.1689

 98.9992, 0.4196,
0.2939

 0.0000, 1.0000,
0.0000

 126.9745, 0.4111,
0.2969

 0.0000, 0.0000,
0.0000

 159.7783, 0.4039,

0.2994

197.7949, 0.3976,
0.3015

■ 18.0955, 0.4986,
0.2648

■ 18.0955, 0.4986,
0.2648

■ 16.9352, 0.5285,
0.2716

■ 20.1357, 0.4672,
0.2633

■ 16.5582, 0.5430,
0.2765

■ 23.1945, 0.4366,
0.2666

■ 27.3895, 0.4084,
0.2735

■ 32.8209, 0.3835,
0.2827

■ 39.5780, 0.3623,
0.2930

■ 47.7417, 0.3445,
0.3037

■ 57.3864, 0.3298,
0.3143

■ 68.5814, 0.3177,
0.3244

■ 81.3912, 0.3078,
0.3338

Harmonies

Analogous

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



18.0955, 0.3583, 0.2004



18.0955, 0.4986, 0.2648



18.0955, 0.5702, 0.3396

Triad

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



18.0955, 0.4986, 0.2648



18.0955, 0.3428, 0.5874



18.0955, 0.1128, 0.1660

Complementary

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



18.0955, 0.4986, 0.2648



55.8200, 0.2598, 0.4429

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.



18.0955, 0.1094, 0.2324



18.0955, 0.4986, 0.2648



18.0955, 0.2294, 0.5378

Square

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



18.0955, 0.4986, 0.2648



18.0955, 0.4556, 0.5180



18.0955, 0.1449, 0.3701



18.0955, 0.1502, 0.1465

Rectangle

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



18.0955, 0.4986, 0.2648



18.0955, 0.5619, 0.3939



18.0955, 0.1449, 0.3701



18.0955, 0.1080, 0.1817

Sweetspot

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



18.0966, 0.4986, 0.2648



63.6101, 0.3451, 0.3033



12.8237, 0.2371, 0.1159



12.7435, 0.3511, 0.2995



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.



18.0966, 0.4986, 0.2648



22.1929, 0.5448, 0.2775



18.5105, 0.5960, 0.3415



13.7897, 0.3230, 0.3198



9.6596, 0.5391, 0.2743



0.6868, 0.4981, 0.2517

Inverse Universe

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



18.0966, 0.4986, 0.2648



22.1929, 0.5448, 0.2775



49.3843, 0.2199, 0.3021



13.7897, 0.3230, 0.3198



9.6596, 0.5391, 0.2743



0.6868, 0.4981, 0.2517

Previews

White Background



This preview shows how the Yxy color 18.0955, 0.4986, 0.2648 looks on a white background.

Color Contrast Check

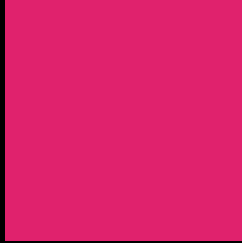
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.0955, 0.4986, 0.2648 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 18.0955, 0.4986, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 18.0955, 0.4986, 0.2648.



This preview shows how white text looks on a background with the Yxy color 18.0955, 0.4986, 0.2648.

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

18.0955, 0.4986, 0.2648

Protanopia

18.5389, 0.2676, 0.2671

Deuteranopia

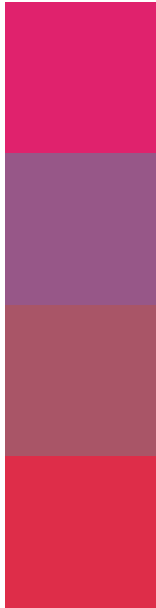
18.2731, 0.3618, 0.3548



Tritanopia

18.0852, 0.5766, 0.3290

Trichromacy



Original Color

18.0955, 0.4986, 0.2648

Protanomaly

15.1733, 0.3384, 0.2491

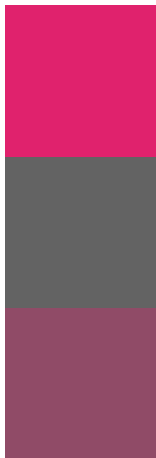
Deuteranomaly

15.9113, 0.4185, 0.3019

Tritanomaly

17.8874, 0.5543, 0.3073

Monochromacy



Original Color

18.0955, 0.4986, 0.2648

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.9407, 0.3858, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0955, 0.4986, 0.2648 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(224, 34, 109)` looks like.

```
.text, #text, p{  
    color:rgb(224, 34, 109)  
}
```

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(224, 34, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 34, 109) }
```

Border

The CSS property to change the border of an element to Yxy 18.0955, 0.4986, 0.2648 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(224, 34, 109) }
```

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

```
.border{ border-color:rgb(224, 34, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 34, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 34, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 34, 109);  
box-shadow:4px 4px 4px 4px rgb(224, 34,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0955, 0.4986, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 34, 109) }
```

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

```
.background{ background-color: rgb(224, 34,  
109) }
```

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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