

Converting Colors

$Yxy(19.1170, 0.4924, 0.2593)$

Have a look what the booklet for
Yxy(19.1170, 0.4924, 0.2593)
contains.

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Color

Yxy(19.1170, 0.4924, 0.2593)

Conversions

Conversions Part 1

Format	Color
Hex	E62074
RGB	230, 32, 116
RGB Percent	90%, 13%, 45%
CMY	0.0981, 0.8744, 0.5450
CMYK	0.00, 0.86, 0.50, 0.10
HSL	335°, 80%, 51%
HSV	335°, 86%, 90%
XYZ	36.3024, 19.1170, 18.3060
YIQ	100.7780, 91.0440, 68.1000

Conversions

Conversions Part 2

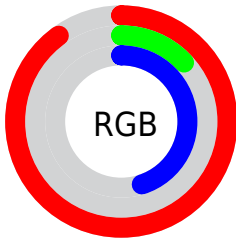
Format	Color
R_{YB}	230, 32, 116
Decimal	15081588
CIE _{Lab}	50.82, 74.74, 4.83
CIE _{LCh}	51, 74.896, 3.697
Yxy	19.1170, 0.4924, 0.2593
Android (android.graphics.Color)	4293271668 (0xFFE62074)
YUV	100.7780, 7.5044, 113.3277
Hunter-Lab	43.7230, 71.6900, 5.7825

Details

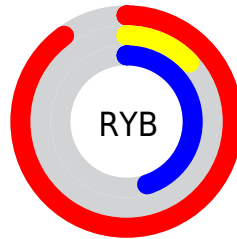
The Yxy color **19.1170, 0.4924, 0.2593** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **58.9746, 0.2625, 0.4542**, and the grayscale version is **12.9199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7876, 0.4162, 0.2646**, and **8.7422, 0.5342, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **17.9932, 0.5206, 0.2664**, and if you desaturate by 10%, it is **21.1488, 0.4628, 0.2577**.

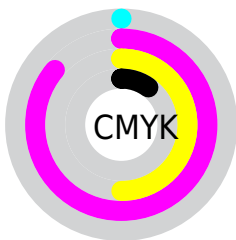
Distribution



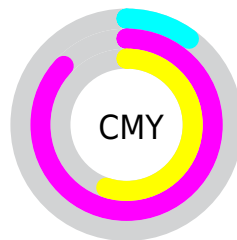
- Red (90%)
- Green (13%)
- Blue (45%)



- Red (90%)
- Yellow (13%)
- Blue (45%)



- Cyan (0%)
- Magenta (86%)
- Yellow (50%)
- Black (10%)





- Cyan (10%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1170, 0.4924, 0.2593 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 19.1170, 0.4924, 0.2593 by changing the saturation by 10% instead.


 19.1170, 0.4924,
0.2593


 19.1170, 0.4924,
0.2593


247.0939, 0.3906,
0.3000


 11.7548, 0.5219,
0.2470


 41.9317, 0.4524,
0.2756

 6.5770, 0.5622,
0.2299


 58.1531, 0.4383,
0.2813


 3.1990, 0.6194,
0.2048

 78.0963, 0.4267,
0.2859

 1.2365, 0.7042,
0.1660

 102.1457, 0.4170,
0.2897

 0.0912, 0.9638,
0.0362

 130.6858, 0.4089,
0.2929

 0.0000, 1.0000,
0.0000

164.1009, 0.4019,

 0.0000, 0.0000,

0.2956

0.0000

202.7755, 0.3958,
0.2980

■ 19.1170, 0.4924,
0.2593

■ 19.1170, 0.4924,
0.2593

■ 17.9932, 0.5206,
0.2664

■ 21.1488, 0.4628,
0.2577

■ 17.6966, 0.5312,
0.2700

■ 24.2424, 0.4337,
0.2610

■ 28.5255, 0.4068,
0.2682

■ 34.1069, 0.3829,
0.2779

■ 41.0828, 0.3624,
0.2889

■ 49.5406, 0.3451,
0.3004

■ 59.5599, 0.3307,
0.3118

■ 71.2151, 0.3189,
0.3227

■ 84.5755, 0.3091,
0.3329

Harmonies

Analogous

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



19.1170, 0.3488, 0.1957



19.1170, 0.4924, 0.2593



19.1170, 0.5711, 0.3339

Triad

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



19.1170, 0.4924, 0.2593



19.1170, 0.3502, 0.5879



19.1170, 0.1102, 0.1673

Complementary

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



19.1170, 0.4924, 0.2593



58.9746, 0.2625, 0.4542

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.



19.1170, 0.1089, 0.2381



19.1170, 0.4924, 0.2593



19.1170, 0.2353, 0.5490

Square

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



19.1170, 0.4924, 0.2593



19.1170, 0.4632, 0.5127



19.1170, 0.1475, 0.3820



19.1170, 0.1452, 0.1454

Rectangle

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



19.1170, 0.4924, 0.2593



19.1170, 0.5665, 0.3879



19.1170, 0.1475, 0.3820



19.1170, 0.1060, 0.1842

Sweetspot

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



19.1181, 0.4924, 0.2593



62.5272, 0.3452, 0.3003



12.6952, 0.2291, 0.1104



12.5405, 0.3509, 0.2963



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.



19.1181, 0.4924, 0.2593



22.3469, 0.5325, 0.2707



18.8205, 0.6056, 0.3368



14.4690, 0.3226, 0.3191



10.0424, 0.5272, 0.2678



0.7604, 0.4899, 0.2472

Inverse Universe

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



19.1181, 0.4924, 0.2593



22.3469, 0.5325, 0.2707



55.5424, 0.2219, 0.3109



14.4690, 0.3226, 0.3191



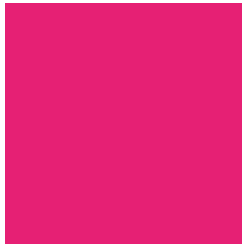
10.0424, 0.5272, 0.2678



0.7604, 0.4899, 0.2472

Previews

White Background



This preview shows how the Yxy color 19.1170, 0.4924, 0.2593 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 19.1170, 0.4924, 0.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

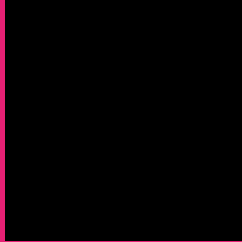
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1170, 0.4924, 0.2593

Background



This preview shows how black text looks on a background with the Yxy color 19.1170, 0.4924, 0.2593.



This preview shows how white text looks on a background with the Yxy color 19.1170, 0.4924, 0.2593.

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

19.1170, 0.4924, 0.2593

Protanopia

19.3923, 0.2583, 0.2535

Deuteranopia

19.2731, 0.3541, 0.3471



Tritanopia

19.1529, 0.5767, 0.3283

Trichromacy



Original Color

19.1170, 0.4924, 0.2593



Protanomaly

15.9248, 0.3282, 0.2376



Deuteranomaly

16.5520, 0.4103, 0.2933



Tritanomaly

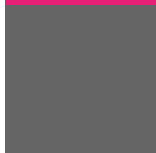
18.9066, 0.5524, 0.3047

Monochromacy



Original Color

19.1170, 0.4924, 0.2593



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.5054, 0.3863, 0.2777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1170, 0.4924, 0.2593 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, 32, 116)` looks like.

```
.text, #text, p{  
  color:rgb(230, 32, 116)  
}
```

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, 32, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 32, 116) }
```

Border

The CSS property to change the border of an element to Yxy 19.1170, 0.4924, 0.2593 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, 32, 116) }
```

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

```
.border{ border-color:rgb(230, 32, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 32, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 32, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 32, 116);  
box-shadow:4px 4px 4px 4px rgb(230, 32,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1170, 0.4924, 0.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 32, 116) }
```

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

```
.background{ background-color: rgb(230, 32,  
116) }
```

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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