

Converting Colors

$Yxy(19.5003, 0.4548, 0.2459)$

Have a look what the booklet for
Yxy(19.5003, 0.4548, 0.2459)
contains.

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Color

Yxy(19.5503, 0.4553, 0.2462)

Conversions

Conversions Part 1

Format	Color
Hex	E12D84
RGB	225, 45, 132
RGB Percent	88%, 18%, 52%
CMY	0.1177, 0.8235, 0.4823
CMYK	0.00, 0.80, 0.41, 0.12
HSL	331°, 75%, 53%
HSV	331°, 80%, 88%
XYZ	36.1546, 19.5503, 23.7033
YIQ	108.7380, 79.3530, 65.2170

Conversions

Conversions Part 2

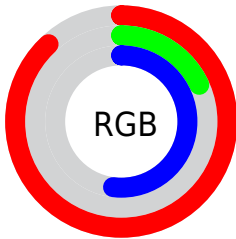
Format	Color
R_{YB}	225, 45, 132
Decimal	14757252
CIE _{Lab}	51.32, 72.09, -4.24
CIE _{LCh}	51, 72.211, 356.637
Yxy	19.5503, 0.4553, 0.2462
Android (android.graphics.Color)	4292947332 (0xFFE12D84)
YUV	108.7380, 11.4682, 101.9618
Hunter-Lab	44.2157, 68.5794, -0.8334

Details

The Yxy color **19.5503, 0.4553, 0.2462** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **56.2415, 0.2671, 0.4609**, and the grayscale version is **15.1679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9146, 0.3930, 0.2540**, and **8.5170, 0.4915, 0.2481** is the 20% darker color. If you saturate the color by 10%, you get **17.9663, 0.4811, 0.2486**, and if you desaturate by 10%, it is **22.0856, 0.4296, 0.2491**.

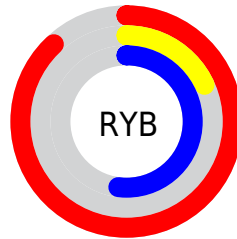
Distribution



Red (88%)

Green (18%)

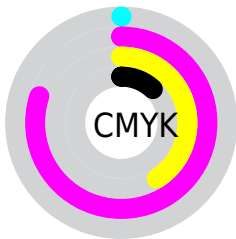
Blue (52%)



Red (88%)

Yellow (18%)

Blue (52%)

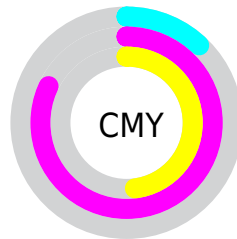


Cyan (0%)

Magenta (80%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5503, 0.4553, 0.2462 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 19.5503, 0.4553, 0.2462 by changing the saturation by 10% instead.


 19.5503, 0.4553,
0.2462


 19.5503, 0.4553,
0.2462


249.4701, 0.3755,
0.2918


 12.0686, 0.4783,
0.2335


 42.6619, 0.4241,
0.2638


 6.7904, 0.5096,
0.2163

 59.0606, 0.4131,
0.2701


 3.3314, 0.5545,
0.1921

 79.2005, 0.4040,
0.2753

 1.3071, 0.6230,
0.1565

 103.4658, 0.3964,
0.2796

 0.1467, 0.7996,
0.0488

 132.2410, 0.3900,
0.2833

 0.0000, 1.0000,
0.0000

165.9106, 0.3844,

 0.0000, 0.0000,

0.2865

0.0000

204.8588, 0.3797,
0.2893

■ 19.5503, 0.4553,
0.2462

■ 19.5503, 0.4553,
0.2462

■ 17.9663, 0.4811,
0.2486

■ 22.0856, 0.4296,
0.2491

■ 17.1065, 0.5057,
0.2560


■ 25.6975, 0.4053,
0.2562


■ 17.1059, 0.5058,
0.2560

■ 30.4954, 0.3833,
0.2665


■ 36.5742, 0.3641,
0.2785

■ 44.0193, 0.3476,
0.2914

 52.9084, 0.3338,
0.3044

 63.3135, 0.3222,
0.3170

 75.3017, 0.3127,
0.3290

 88.9360, 0.3049,
0.3402

Harmonies

Analogous

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



19.5503, 0.3156, 0.1884



19.5503, 0.4553, 0.2462



19.5503, 0.5522, 0.3180

Triad

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



19.5503, 0.4553, 0.2462



19.5503, 0.3783, 0.5676



19.5503, 0.1125, 0.1841

Complementary

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



19.5503, 0.4553, 0.2462



56.2415, 0.2671, 0.4609

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.



19.5503, 0.1200, 0.2685



19.5503, 0.4553, 0.2462



19.5503, 0.2651, 0.5610

Square

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



19.5503, 0.4553, 0.2462



19.5503, 0.4838, 0.4873



19.5503, 0.1697, 0.4206



19.5503, 0.1389, 0.1527

Rectangle

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



19.5503, 0.4553, 0.2462



19.5503, 0.5641, 0.3697



19.5503, 0.1697, 0.4206



19.5503, 0.1111, 0.2050

Sweetspot

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



19.5514, 0.4553, 0.2462



65.1030, 0.3392, 0.2990



12.4656, 0.2243, 0.1140



13.0429, 0.3443, 0.2944



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.



19.5514, 0.4553, 0.2462



23.0540, 0.4976, 0.2533



18.0746, 0.5924, 0.3298



13.8104, 0.3217, 0.3177



9.8810, 0.5022, 0.2540



0.7029, 0.4669, 0.2346

Inverse Universe

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



19.5514, 0.4553, 0.2462



23.0540, 0.4976, 0.2533



59.8426, 0.2285, 0.3288



13.8104, 0.3217, 0.3177



9.8810, 0.5022, 0.2540



0.7029, 0.4669, 0.2346

Previews

White Background



This preview shows how the Yxy color 19.5503, 0.4553, 0.2462 looks on a white background.

Color Contrast Check

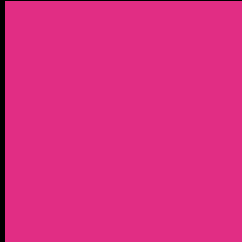
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5503, 0.4553, 0.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

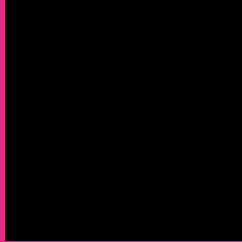
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5503, 0.4553, 0.2462

Background



This preview shows how black text looks on a background with the Yxy color 19.5503, 0.4553, 0.2462.



This preview shows how white text looks on a background with the Yxy color 19.5503, 0.4553, 0.2462.

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

19.5503, 0.4553, 0.2462

Protanopia

19.8725, 0.2406, 0.2312

Deuteranopia

19.7746, 0.3282, 0.3219



Tritanopia

19.5701, 0.5473, 0.3270

Trichromacy



Original Color

19.5503, 0.4553, 0.2462

Protanomaly

16.7332, 0.2996, 0.2213

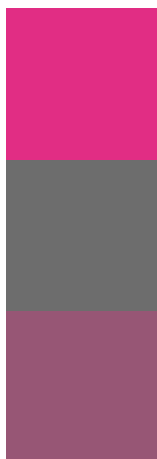
Deuteranomaly

17.4855, 0.3763, 0.2772

Tritanomaly

19.3110, 0.5182, 0.2985

Monochromacy



Original Color

19.5503, 0.4553, 0.2462

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.5192, 0.3681, 0.2769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5503, 0.4553, 0.2462 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(225, 45, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 45, 132)  
}
```

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(225, 45, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 45, 132) }
```

Border

The CSS property to change the border of an element to Yxy 19.5503, 0.4553, 0.2462 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(225, 45, 132) }
```

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

```
.border{ border-color:rgb(225, 45, 132) }
```

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

Here you see how a box with a 4 pixel rgb(225, 45, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 45, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 45, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 45,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5503, 0.4553, 0.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 45, 132) }
```

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

```
.background{ background-color: rgb(225, 45,  
132) }
```

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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