

Converting Colors

$Y_{xy}(21.1501, 0.5119, 0.2961)$

Have a look what the booklet for
Yxy(21.1501, 0.5119, 0.2961)
contains.

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Color

Yxy(21.1501, 0.5119, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	E63E62
RGB	230, 62, 98
RGB Percent	90%, 24%, 38%
CMY	0.0980, 0.7569, 0.6156
CMYK	0.00, 0.73, 0.57, 0.10
HSL	347°, 77%, 57%
HSV	347°, 73%, 90%
XYZ	36.5645, 21.1501, 13.7144
YIQ	116.3360, 88.5720, 46.8120

Conversions

Conversions Part 2

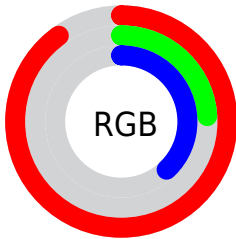
Format	Color
R_{YB}	230, 62, 98
Decimal	15089250
CIE _{Lab}	53.11, 65.74, 18.91
CIE _{LCh}	53, 68.407, 16.045
Yxy	21.1501, 0.5119, 0.2961
Android (android.graphics.Color)	4293279330 (0xFFE63E62)
YUV	116.3360, -9.0396, 99.6833
Hunter-Lab	45.9892, 61.4380, 14.5117

Details

The Yxy color **21.1501, 0.5119, 0.2961** is a dark color, and the websafe version is hex **FF3366**, and the color name is **paradise pink**. The color can be described as dark washed rose. A complement of this color would be **61.5196, 0.2465, 0.3790**, and the grayscale version is **17.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3172, 0.4344, 0.3028**, and **8.5728, 0.5711, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **18.8538, 0.5521, 0.2990**, and if you desaturate by 10%, it is **24.5835, 0.4712, 0.2967**.

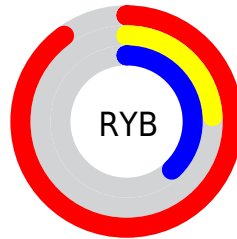
Distribution



Red (90%)

Green (24%)

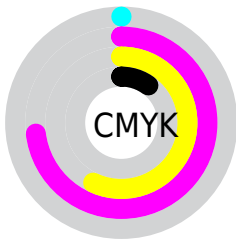
Blue (38%)



Red (90%)

Yellow (24%)

Blue (38%)

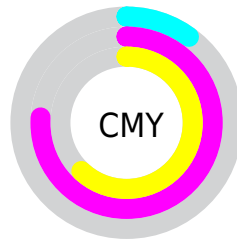


Cyan (0%)

Magenta (73%)

Yellow (57%)

Black (10%)



Cyan (10%)


Magenta (76%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1501, 0.5119, 0.2961 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 21.1501, 0.5119, 0.2961 by changing the saturation by 10% instead.


 21.1501, 0.5119,
0.2961


 21.1501, 0.5119,
0.2961


258.0751, 0.3997,
0.3195


 13.2338, 0.5437,
0.2873


 45.3372, 0.4682,
0.3066


 7.5897, 0.5862,
0.2740


 62.3768, 0.4526,
0.3100


 3.8336, 0.6448,
0.2526

 83.2262, 0.4398,
0.3125

 1.5809, 0.7430,
0.2209

 108.2699, 0.4291,
0.3145

 0.3447, 0.8776,
0.1224

 137.8922, 0.4201,
0.3162

 0.0000, 1.0000,
0.0000

172.4776, 0.4123,

 0.0000, 0.0000,

0.3175

0.0000

212.4104, 0.4056,
0.3186

■ 21.1501, 0.5119,
0.2961

■ 21.1501, 0.5119,
0.2961

■ 18.8538, 0.5521,
0.2990

■ 24.5835, 0.4712,
0.2967

■ 17.5419, 0.5871,
0.3057


■ 29.2739, 0.4335,
0.2999

■ 17.0498, 0.6066,
0.3115


■ 35.3299, 0.4005,
0.3047

■ 42.8475, 0.3729,
0.3104

■ 51.9138, 0.3501,
0.3162

 62.6091, 0.3316,
0.3220

 75.0081, 0.3167,
0.3274

 89.1811, 0.3046,
0.3325

 95.5654, 0.2976,
0.3290

Harmonies

Analogous

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



21.1501, 0.4000, 0.2302



21.1501, 0.5119, 0.2961



21.1501, 0.5484, 0.3702

Triad

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



21.1501, 0.5119, 0.2961



21.1501, 0.3088, 0.5587



21.1501, 0.1355, 0.1691

Complementary

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



21.1501, 0.5119, 0.2961



61.5196, 0.2465, 0.3790

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.



21.1501, 0.1217, 0.2156



21.1501, 0.5119, 0.2961



21.1501, 0.2082, 0.4668

Square

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



21.1501, 0.5119, 0.2961



21.1501, 0.4155, 0.5322



21.1501, 0.1431, 0.3181



21.1501, 0.1840, 0.1610

Rectangle

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



21.1501, 0.5119, 0.2961



21.1501, 0.5265, 0.4239



21.1501, 0.1431, 0.3181



21.1501, 0.1273, 0.1796

Sweetspot

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



21.1513, 0.5119, 0.2961



66.7604, 0.3482, 0.3168



20.5754, 0.2815, 0.1518



13.5669, 0.3539, 0.3152



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.



21.1513, 0.5119, 0.2961



22.7796, 0.5721, 0.3022



28.2376, 0.5190, 0.3754



14.4183, 0.3259, 0.3240



9.6660, 0.6030, 0.3096



0.7278, 0.5627, 0.2873

Inverse Universe

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



21.1513, 0.5119, 0.2961



22.7796, 0.5721, 0.3022



40.3603, 0.2143, 0.2615



14.4183, 0.3259, 0.3240



9.6660, 0.6030, 0.3096



0.7278, 0.5627, 0.2873

Previews

White Background



This preview shows how the Yxy color 21.1501, 0.5119, 0.2961 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 21.1501, 0.5119, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

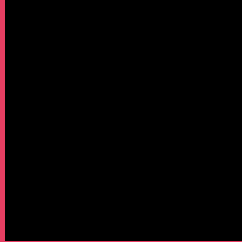
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1501, 0.5119, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 21.1501, 0.5119, 0.2961.

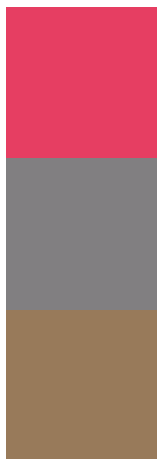


This preview shows how white text looks on a background with the Yxy color 21.1501, 0.5119, 0.2961.

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

21.1501, 0.5119, 0.2961

Protanopia

21.4308, 0.3129, 0.3254

Deuteranopia

21.3327, 0.3903, 0.3828



Tritanopia

21.2472, 0.5468, 0.3271

Trichromacy



Original Color

21.1501, 0.5119, 0.2961

Protanomaly

19.1155, 0.3813, 0.3057

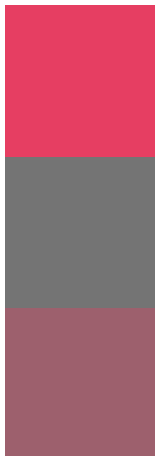
Deuteranomaly

19.6080, 0.4389, 0.3394

Tritanomaly

21.1485, 0.5345, 0.3162

Monochromacy



Original Color

21.1501, 0.5119, 0.2961

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.6380, 0.3856, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1501, 0.5119, 0.2961 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, 62, 98)` looks like.

```
.text, #text, p{  
    color:rgb(230, 62, 98)  
}
```

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, 62, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 62, 98) }
```

Border

The CSS property to change the border of an element to Yxy 21.1501, 0.5119, 0.2961 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, 62, 98) }
```

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

```
.border{ border-color:rgb(230, 62, 98) }
```

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

Here you see how a box with a 4 pixel rgb(230, 62, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 62, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 62, 98);  
box-shadow:4px 4px 4px 4px rgb(230, 62,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1501, 0.5119, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 62, 98) }
```

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

```
.background{ background-color: rgb(230, 62,  
98) }
```

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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