

Converting Colors

Yxy(21.6301, 0.4588, 0.2622)

Have a look what the booklet for
Yxy(21.6301, 0.4588, 0.2622)
contains.

Yxy(21.5242, 0.4587, 0.2620)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.5242, 0.4587, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	E43E81
RGB	228, 62, 129
RGB Percent	89%, 24%, 51%
CMY	0.1058, 0.7569, 0.4940
CMYK	0.00, 0.73, 0.43, 0.11
HSL	336°, 75%, 57%
HSV	336°, 73%, 89%
XYZ	37.6838, 21.5242, 22.9455
YIQ	119.2720, 77.4290, 56.0290

Conversions

Conversions Part 2

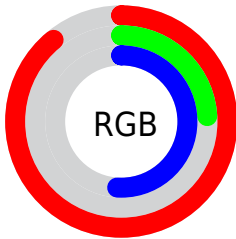
Format	Color
R_{YB}	228, 62, 129
Decimal	14958209
CIE _{Lab}	53.52, 67.67, 0.84
CIE _{LCh}	54, 67.674, 0.713
Yxy	21.5242, 0.4587, 0.2620
Android (android.graphics.Color)	4293148289 (0xFFE43E81)
YUV	119.2720, 4.7959, 95.3545
Hunter-Lab	46.3942, 63.7972, 3.1525

Details

The Yxy color **21.5242, 0.4587, 0.2620** 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 **59.0888, 0.2612, 0.4268**, and the grayscale version is **18.5039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5565, 0.3936, 0.2679**, and **8.7947, 0.5032, 0.2546** is the 20% darker color. If you saturate the color by 10%, you get **19.2069, 0.4896, 0.2623**, and if you desaturate by 10%, it is **24.9314, 0.4290, 0.2663**.

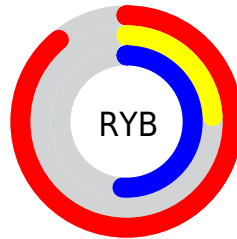
Distribution



Red (89%)

Green (24%)

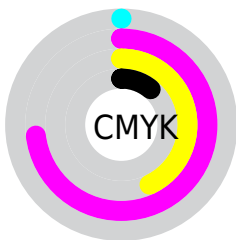
Blue (51%)



Red (89%)

Yellow (24%)

Blue (51%)

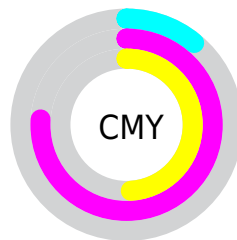


Cyan (0%)

Magenta (73%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.5242, 0.4587, 0.2620 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 21.5242, 0.4587, 0.2620 by changing the saturation by 10% instead.


 21.5242, 0.4587,
0.2620


 21.5242, 0.4587,
0.2620


260.0514, 0.3773,
0.2995


 13.5077, 0.4819,
0.2512


 45.9583, 0.4270,
0.2767


 7.7791, 0.5135,
0.2365


 63.1448, 0.4157,
0.2819


 3.9539, 0.5586,
0.2154

 84.1566, 0.4065,
0.2861

 1.6478, 0.6266,
0.1834

 109.3783, 0.3987,
0.2897

 0.3895, 0.7790,
0.1141

 139.1943, 0.3922,
0.2927

 0.0000, 1.0000,
0.0000

173.9888, 0.3865,

 0.0000, 0.0000,

0.2953

0.0000

214.1464, 0.3816,
0.2976

■ 21.5242, 0.4587,
0.2620

■ 21.5242, 0.4587,
0.2620

■ 19.2069, 0.4896,
0.2623

■ 24.9314, 0.4290,
0.2663

■ 17.8339, 0.5195,
0.2679


■ 29.5423, 0.4018,
0.2739


■ 17.2696, 0.5396,
0.2746


■ 35.4606, 0.3781,
0.2836

■ 42.7772, 0.3579,
0.2944

■ 51.5753, 0.3410,
0.3053

 61.9312, 0.3270,
0.3161

 73.9161, 0.3156,
0.3263

 87.5968, 0.3061,
0.3358

 95.0045, 0.2984,
0.3326

Harmonies

Analogous

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



21.5242, 0.3331, 0.2044



21.5242, 0.4587, 0.2620



21.5242, 0.5376, 0.3321

Triad

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



21.5242, 0.4587, 0.2620



21.5242, 0.3643, 0.5536



21.5242, 0.1265, 0.1891

Complementary

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



21.5242, 0.4587, 0.2620



59.0888, 0.2612, 0.4268

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.



21.5242, 0.1300, 0.2614



21.5242, 0.4587, 0.2620



21.5242, 0.2584, 0.5249

Square

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



21.5242, 0.4587, 0.2620



21.5242, 0.4637, 0.4920



21.5242, 0.1727, 0.3917



21.5242, 0.1564, 0.1632

Rectangle

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



21.5242, 0.4587, 0.2620



21.5242, 0.5430, 0.3826



21.5242, 0.1727, 0.3917



21.5242, 0.1239, 0.2071

Sweetspot

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



21.5254, 0.4587, 0.2620



67.3108, 0.3400, 0.3061



16.4002, 0.2471, 0.1351



13.6954, 0.3442, 0.3031



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.



21.5254, 0.4587, 0.2620



23.7793, 0.5040, 0.2643



21.9881, 0.5506, 0.3416



14.4640, 0.3229, 0.3195



9.9931, 0.5357, 0.2725



0.7565, 0.4973, 0.2513

Inverse Universe

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



21.5254, 0.4587, 0.2620



23.7793, 0.5040, 0.2643



54.8079, 0.2268, 0.3101



14.4640, 0.3229, 0.3195



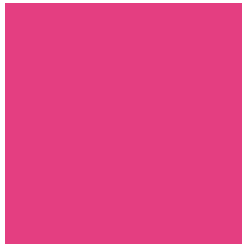
9.9931, 0.5357, 0.2725



0.7565, 0.4973, 0.2513

Previews

White Background



This preview shows how the Yxy color 21.5242, 0.4587, 0.2620 looks on a white background.

Color Contrast Check

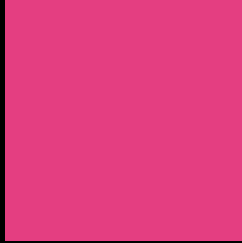
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5242, 0.4587, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

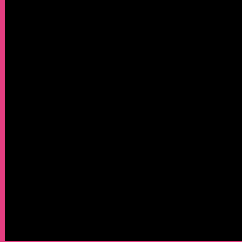
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5242, 0.4587, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 21.5242, 0.4587, 0.2620.



This preview shows how white text looks on a background with the Yxy color 21.5242, 0.4587, 0.2620.

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

21.5242, 0.4587, 0.2620

Protanopia

21.7878, 0.2622, 0.2598

Deuteranopia

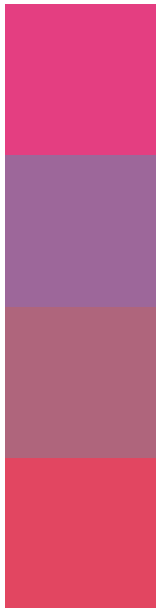
21.7251, 0.3409, 0.3342



Tritanopia

21.6042, 0.5275, 0.3258

Trichromacy



Original Color

21.5242, 0.4587, 0.2620

Protanomaly

19.2017, 0.3203, 0.2501

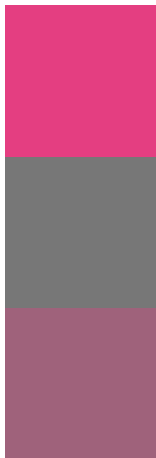
Deuteranomaly

19.8766, 0.3854, 0.2950

Tritanomaly

21.4121, 0.5052, 0.3029

Monochromacy



Original Color

21.5242, 0.4587, 0.2620

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.5364, 0.3662, 0.2888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5242, 0.4587, 0.2620 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(228, 62, 129)` looks like.

```
.text, #text, p{  
    color:rgb(228, 62, 129)  
}
```

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(228, 62, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 62, 129) }
```

Border

The CSS property to change the border of an element to Yxy 21.5242, 0.4587, 0.2620 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(228, 62, 129) }
```

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

```
.border{ border-color:rgb(228, 62, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 62, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 62, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 62, 129);  
box-shadow:4px 4px 4px 4px rgb(228, 62,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5242, 0.4587, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 62, 129) }
```

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

```
.background{ background-color: rgb(228, 62,  
129) }
```

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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