

Converting Colors

$Yxy(21.3817, 0.5019, 0.3153)$

Have a look what the booklet for
Yxy(21.3817, 0.5019, 0.3153)
contains.

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Color

Yxy(21.4371, 0.5020, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	DC4E5C
RGB	220, 78, 92
RGB Percent	86%, 31%, 36%
CMY	0.1372, 0.6941, 0.6392
CMYK	0.00, 0.65, 0.58, 0.14
HSL	354°, 67%, 58%
HSV	354°, 65%, 86%
XYZ	34.1741, 21.4371, 12.4647
YIQ	122.0540, 80.1380, 34.4580

Conversions

Conversions Part 2

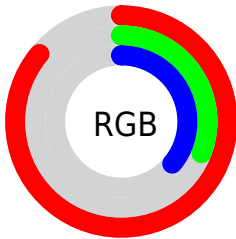
Format	Color
RYB	220, 78, 92
Decimal	14437980
CIELab	53.42, 56.30, 22.59
CIElCh	53, 60.659, 21.860
Yxy	21.4371, 0.5020, 0.3149
Android (android.graphics.Color)	4292628060 (0xFFDC4E5C)
YUV	122.0540, -14.8166, 85.8986
Hunter-Lab	46.3002, 50.7251, 16.4484

Details

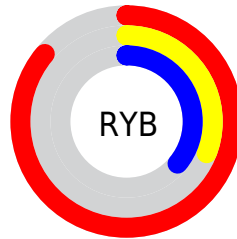
The Yxy color **21.4371, 0.5020, 0.3149** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **57.2670, 0.2424, 0.3482**, and the grayscale version is **19.5106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2632, 0.4358, 0.3211**, and **7.7419, 0.5741, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **18.5153, 0.5473, 0.3156**, and if you desaturate by 10%, it is **25.4973, 0.4581, 0.3158**.

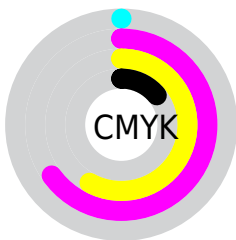
Distribution



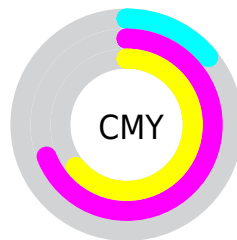
- Red (86%)
- Green (31%)
- Blue (36%)



- Red (86%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (65%)
- Yellow (58%)
- Black (14%)



- Cyan (14%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4371, 0.5020, 0.3149 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 21.4371, 0.5020, 0.3149 by changing the saturation by 10% instead.


 21.4371, 0.5020,
0.3149


 21.4371, 0.5020,
0.3149


259.5924, 0.3952,
0.3283


 13.4439, 0.5323,
0.3086


 45.8139, 0.4604,
0.3218


 7.7349, 0.5728,
0.2982


 62.9662, 0.4456,
0.3237

 3.9258, 0.6288,
0.2804

 83.9404, 0.4334,
0.3251

 1.6321, 0.7364,
0.2574

 109.1207, 0.4232,
0.3262

 0.3791, 0.8463,
0.1537

 138.8917, 0.4146,
0.3269

 0.0000, 1.0000,
0.0000

173.6378, 0.4072,

 0.0000, 0.0000,

0.3275

0.0000

213.7432, 0.4008,
0.3280

■ 21.4371, 0.5020,
0.3149

■ 21.4371, 0.5020,
0.3149

■ 18.5153, 0.5473,
0.3156

■ 25.4973, 0.4581,
0.3158

■ 16.6120, 0.5884,
0.3182

■ 30.7927, 0.4191,
0.3177

■ 15.5871, 0.6189,
0.3224

■ 37.4140, 0.3861,
0.3201

■ 15.2740, 0.6302,
0.3245

■ 45.4424, 0.3590,
0.3228

■ 54.9526, 0.3371,
0.3254

■ 66.0139, 0.3195,
0.3279

■ 78.6912, 0.3054,
0.3302

■ 93.0460, 0.2940,
0.3324

■ 93.9572, 0.2917,
0.3289

Harmonies

Analogous

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



21.4371, 0.4128, 0.2509



21.4371, 0.5020, 0.3149



21.4371, 0.5226, 0.3860

Triad

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



21.4371, 0.5020, 0.3149



21.4371, 0.2944, 0.5215



21.4371, 0.1567, 0.1799

Complementary

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



21.4371, 0.5020, 0.3149



57.2670, 0.2424, 0.3482

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.



21.4371, 0.1379, 0.2167



21.4371, 0.5020, 0.3149



21.4371, 0.2060, 0.4244

Square

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



21.4371, 0.5020, 0.3149



21.4371, 0.3926, 0.5228



21.4371, 0.1524, 0.2996



21.4371, 0.2095, 0.1772

Rectangle

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



21.4371, 0.5020, 0.3149



21.4371, 0.4979, 0.4360



21.4371, 0.1524, 0.2996



21.4371, 0.1468, 0.1879

Sweetspot

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



21.4383, 0.5020, 0.3149



70.3877, 0.3466, 0.3242



23.7104, 0.3043, 0.1758



14.2596, 0.3530, 0.3235



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.



21.4383, 0.5020, 0.3149



24.9026, 0.5607, 0.3162



33.0398, 0.4702, 0.3930



13.0723, 0.3276, 0.3267



8.9707, 0.6281, 0.3233



0.5885, 0.5978, 0.3067

Inverse Universe

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



21.4383, 0.5020, 0.3149



24.9026, 0.5607, 0.3162



33.0543, 0.2166, 0.2452



13.0723, 0.3276, 0.3267



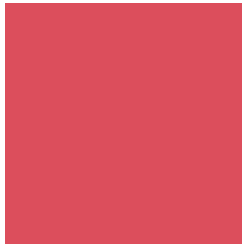
8.9707, 0.6281, 0.3233



0.5885, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 21.4371, 0.5020, 0.3149 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 21.4371, 0.5020, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

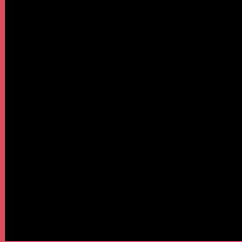
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4371, 0.5020, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 21.4371, 0.5020, 0.3149.



This preview shows how white text looks on a background with the Yxy color 21.4371, 0.5020, 0.3149.

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

21.4371, 0.5020, 0.3149

Protanopia

21.7445, 0.3345, 0.3523

Deuteranopia

21.6918, 0.3983, 0.3918



Tritanopia

21.4477, 0.5130, 0.3245

Trichromacy



Original Color

21.4371, 0.5020, 0.3149

Protanomaly

20.2127, 0.3924, 0.3340

Deuteranomaly

20.6849, 0.4379, 0.3569

Tritanomaly

21.4957, 0.5087, 0.3213

Monochromacy



Original Color

21.4371, 0.5020, 0.3149

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7249, 0.3792, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4371, 0.5020, 0.3149 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(220, 78, 92)` looks like.

```
.text, #text, p{  
    color:rgb(220, 78, 92)  
}
```

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(220, 78, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 78, 92) }
```

Border

The CSS property to change the border of an element to Yxy 21.4371, 0.5020, 0.3149 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(220, 78, 92) }
```

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

```
.border{ border-color:rgb(220, 78, 92) }
```

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

Here you see how a box with a 4 pixel rgb(220, 78, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 78, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 78, 92);  
box-shadow:4px 4px 4px 4px rgb(220, 78,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4371, 0.5020, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 78, 92) }
```

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

```
.background{ background-color: rgb(220, 78,  
92) }
```

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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