

Converting Colors

$Y_{xy}(21.2277, 0.5025, 0.3169)$

Have a look what the booklet for
Yxy(21.2277, 0.5025, 0.3169)
contains.

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Color

Yxy(21.0924, 0.5031, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	DA4E5A
RGB	218, 78, 90
RGB Percent	85%, 31%, 35%
CMY	0.1451, 0.6941, 0.6470
CMYK	0.00, 0.64, 0.59, 0.15
HSL	355°, 65%, 58%
HSV	355°, 64%, 85%
XYZ	33.4856, 21.0924, 11.9805
YIQ	121.2280, 79.5880, 33.4120

Conversions

Conversions Part 2

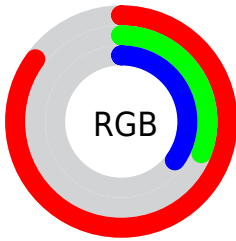
Format	Color
RYB	218, 78, 90
Decimal	14306906
CIELab	53.05, 55.51, 23.22
CIElCh	53, 60.165, 22.697
Yxy	21.0924, 0.5031, 0.3169
Android (android.graphics.Color)	4292496986 (0xFFDA4E5A)
YUV	121.2280, -15.3954, 84.8690
Hunter-Lab	45.9265, 49.7754, 16.6819

Details

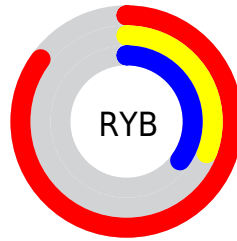
The Yxy color **21.0924, 0.5031, 0.3169** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **56.2233, 0.2418, 0.3455**, and the grayscale version is **19.2298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9285, 0.4386, 0.3222**, and **7.5746, 0.5739, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **18.1974, 0.5488, 0.3175**, and if you desaturate by 10%, it is **25.1070, 0.4588, 0.3176**.

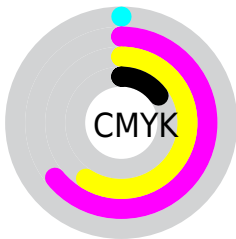
Distribution



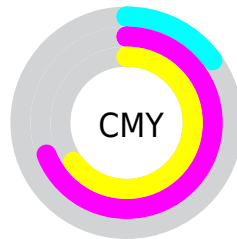
- Red (85%)
- Green (31%)
- Blue (35%)



- Red (85%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (64%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0924, 0.5031, 0.3169 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 21.0924, 0.5031, 0.3169 by changing the saturation by 10% instead.


 21.0924, 0.5031,
0.3169


 21.0924, 0.5031,
0.3169


257.7691, 0.3955,
0.3294

 13.1916, 0.5337,
0.3107

 45.2413, 0.4611,
0.3235


 7.5606, 0.5747,
0.3004


 62.2581, 0.4462,
0.3253

 3.8151, 0.6311,
0.2824

 83.0823, 0.4339,
0.3266

 1.5707, 0.7408,
0.2592

 108.0984, 0.4237,
0.3275

 0.3377, 0.8544,
0.1456

 137.6908, 0.4150,
0.3282

 0.0000, 1.0000,
0.0000

172.2437, 0.4076,

 0.0000, 0.0000,

0.3287

0.0000

212.1417, 0.4011,
0.3291

■ 21.0924, 0.5031,
0.3169

■ 21.0924, 0.5031,
0.3169

■ 18.1974, 0.5488,
0.3175

■ 25.1070, 0.4588,
0.3176

■ 16.3052, 0.5900,
0.3198

■ 30.3359, 0.4194,
0.3193

■ 15.2793, 0.6203,
0.3236

■ 36.8678, 0.3861,
0.3214


■ 14.9528, 0.6319,
0.3255

■ 44.7819, 0.3588,
0.3237

■ 54.1514, 0.3368,
0.3260

 65.0441, 0.3191,
0.3281

 77.5238, 0.3049,
0.3301

 91.6503, 0.2935,
0.3320

 93.6468, 0.2906,
0.3289

Harmonies

Analogous

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



21.0924, 0.4156, 0.2527



21.0924, 0.5031, 0.3169



21.0924, 0.5216, 0.3880

Triad

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



21.0924, 0.5031, 0.3169



21.0924, 0.2918, 0.5194



21.0924, 0.1580, 0.1798

Complementary

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



21.0924, 0.5031, 0.3169



56.2233, 0.2418, 0.3455

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.



21.0924, 0.1383, 0.2154



21.0924, 0.5031, 0.3169



21.0924, 0.2043, 0.4205

Square

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



21.0924, 0.5031, 0.3169



21.0924, 0.3899, 0.5234



21.0924, 0.1519, 0.2968



21.0924, 0.2118, 0.1778

Rectangle

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



21.0924, 0.5031, 0.3169



21.0924, 0.4960, 0.4380



21.0924, 0.1519, 0.2968



21.0924, 0.1479, 0.1874

Sweetspot

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



21.0936, 0.5031, 0.3169



70.3563, 0.3471, 0.3249



23.3494, 0.3044, 0.1764



14.2522, 0.3536, 0.3242



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.



21.0936, 0.5031, 0.3169



24.8668, 0.5639, 0.3181



32.5077, 0.4690, 0.3928



13.0696, 0.3278, 0.3270



8.9640, 0.6300, 0.3244



0.5871, 0.6029, 0.3095

Inverse Universe

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



21.0936, 0.5031, 0.3169



24.8668, 0.5639, 0.3181



32.5243, 0.2170, 0.2458



13.0696, 0.3278, 0.3270



8.9640, 0.6300, 0.3244



0.5871, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 21.0924, 0.5031, 0.3169 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 21.0924, 0.5031, 0.3169 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 21.0924, 0.5031, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 21.0924, 0.5031, 0.3169.



This preview shows how white text looks on a background with the Yxy color 21.0924, 0.5031, 0.3169.

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

21.0924, 0.5031, 0.3169

Protanopia

21.3351, 0.3370, 0.3561

Deuteranopia

21.3159, 0.4001, 0.3938



Tritanopia

21.1375, 0.5112, 0.3244

Trichromacy



Original Color

21.0924, 0.5031, 0.3169

Protanomaly

19.8293, 0.3958, 0.3372

Deuteranomaly

20.3271, 0.4403, 0.3585

Tritanomaly

21.1693, 0.5083, 0.3223

Monochromacy



Original Color

21.0924, 0.5031, 0.3169

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2969, 0.3784, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0924, 0.5031, 0.3169 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(218, 78, 90)` looks like.

```
.text, #text, p{  
    color:rgb(218, 78, 90)  
}
```

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(218, 78, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 78, 90) }
```

Border

The CSS property to change the border of an element to Yxy 21.0924, 0.5031, 0.3169 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(218, 78, 90) }
```

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

```
.border{ border-color:rgb(218, 78, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 78, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 78, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 78, 90);  
box-shadow:4px 4px 4px 4px rgb(218, 78,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0924, 0.5031, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 78, 90) }
```

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

```
.background{ background-color: rgb(218, 78,  
90) }
```

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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