

Converting Colors

$Y_{xy}(21.1518, 0.4953, 0.3134)$

Have a look what the booklet for
Yxy(21.1518, 0.4953, 0.3134)
contains.

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Color

Yxy(21.1518, 0.4953, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	D94F5E
RGB	217, 79, 94
RGB Percent	85%, 31%, 37%
CMY	0.1491, 0.6901, 0.6314
CMYK	0.00, 0.64, 0.57, 0.15
HSL	353°, 64%, 58%
HSV	353°, 64%, 85%
XYZ	33.4285, 21.1518, 12.9111
YIQ	121.9720, 77.4330, 33.9210

Conversions

Conversions Part 2

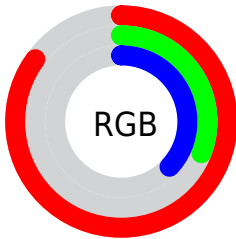
Format	Color
RYB	217, 79, 94
Decimal	14241630
CIELab	53.12, 55.03, 20.91
CIELCh	53, 58.864, 20.804
Yxy	21.1518, 0.4953, 0.3134
Android (android.graphics.Color)	4292431710 (0xFFD94F5E)
YUV	121.9720, -13.7902, 83.3396
Hunter-Lab	45.9911, 49.2578, 15.5492

Details

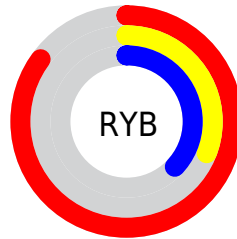
The Yxy color **21.1518, 0.4953, 0.3134** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **55.5457, 0.2437, 0.3498**, and the grayscale version is **19.4823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3238, 0.4335, 0.3190**, and **7.5692, 0.5652, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **18.2113, 0.5403, 0.3139**, and if you desaturate by 10%, it is **25.2029, 0.4523, 0.3146**.

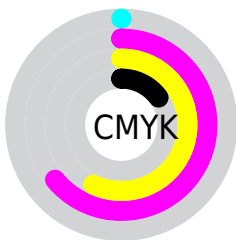
Distribution



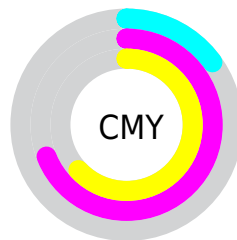
- Red (85%)
- Green (31%)
- Blue (37%)



- Red (85%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (64%)
- Yellow (57%)
- Black (15%)





- Cyan (15%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1518, 0.4953, 0.3134 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 21.1518, 0.4953, 0.3134 by changing the saturation by 10% instead.


 21.1518, 0.4953,
0.3134


 21.1518, 0.4953,
0.3134


258.0841, 0.3920,
0.3272


 13.2350, 0.5249,
0.3072


 45.3400, 0.4549,
0.3203


 7.5906, 0.5647,
0.2971


 62.3803, 0.4405,
0.3223


 3.8341, 0.6203,
0.2797

 83.2304, 0.4288,
0.3237

 1.5812, 0.7246,
0.2561

 108.2749, 0.4190,
0.3248

 0.3449, 0.8512,
0.1488

 137.8982, 0.4107,
0.3256

 0.0000, 1.0000,
0.0000

172.4845, 0.4035,

 0.0000, 0.0000,

0.3263

0.0000

212.4184, 0.3974,
0.3268

■ 21.1518, 0.4953,
0.3134

■ 21.1518, 0.4953,
0.3134

■ 18.2113, 0.5403,
0.3139

■ 25.2029, 0.4523,
0.3146

■ 16.2676, 0.5821,
0.3164

■ 30.4568, 0.4143,
0.3168

■ 15.1888, 0.6144,
0.3208

■ 37.0000, 0.3823,
0.3195

■ 14.8135, 0.6286,
0.3237

■ 44.9101, 0.3561,
0.3224

■ 54.2585, 0.3350,
0.3253

■ 65.1117, 0.3180,
0.3281

■ 77.5321, 0.3043,
0.3306

■ 91.5785, 0.2933,
0.3329

■ 93.4894, 0.2900,
0.3289

Harmonies

Analogous

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



21.1518, 0.4066, 0.2506



21.1518, 0.4953, 0.3134



21.1518, 0.5186, 0.3833

Triad

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



21.1518, 0.4953, 0.3134



21.1518, 0.2989, 0.5177



21.1518, 0.1585, 0.1836

Complementary

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



21.1518, 0.4953, 0.3134



55.5457, 0.2437, 0.3498

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.



21.1518, 0.1411, 0.2214



21.1518, 0.4953, 0.3134



21.1518, 0.2113, 0.4262

Square

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



21.1518, 0.4953, 0.3134



21.1518, 0.3951, 0.5171



21.1518, 0.1569, 0.3046



21.1518, 0.2093, 0.1797

Rectangle

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



21.1518, 0.4953, 0.3134



21.1518, 0.4963, 0.4323



21.1518, 0.1569, 0.3046



21.1518, 0.1491, 0.1919

Sweetspot

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



21.1530, 0.4953, 0.3134



70.4118, 0.3462, 0.3237



23.0065, 0.3020, 0.1765



14.2653, 0.3526, 0.3229



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.



21.1530, 0.4953, 0.3134



25.2318, 0.5540, 0.3144



31.7921, 0.4690, 0.3897



13.0744, 0.3275, 0.3265



8.9763, 0.6265, 0.3225



0.5894, 0.5940, 0.3046

Inverse Universe

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



21.1530, 0.4953, 0.3134



25.2318, 0.5540, 0.3144



33.2589, 0.2186, 0.2504



13.0744, 0.3275, 0.3265



8.9763, 0.6265, 0.3225



0.5894, 0.5940, 0.3046

Previews

White Background



This preview shows how the Yxy color 21.1518, 0.4953, 0.3134 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 21.1518, 0.4953, 0.3134 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 21.1518, 0.4953, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 21.1518, 0.4953, 0.3134.



This preview shows how white text looks on a background with the Yxy color 21.1518, 0.4953, 0.3134.

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

21.1518, 0.4953, 0.3134

Protanopia

21.3452, 0.3311, 0.3489

Deuteranopia

21.2826, 0.3940, 0.3877



Tritanopia

21.2925, 0.5073, 0.3254

Trichromacy



Original Color

21.1518, 0.4953, 0.3134

Protanomaly

20.0211, 0.3883, 0.3324

Deuteranomaly

20.2764, 0.4335, 0.3529

Tritanomaly

21.1936, 0.5036, 0.3211

Monochromacy



Original Color

21.1518, 0.4953, 0.3134

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6460, 0.3764, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1518, 0.4953, 0.3134 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(217, 79, 94)` looks like.

```
.text, #text, p{  
    color:rgb(217, 79, 94)  
}
```

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(217, 79, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 79, 94) }
```

Border

The CSS property to change the border of an element to Yxy 21.1518, 0.4953, 0.3134 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(217, 79, 94) }
```

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

```
.border{ border-color:rgb(217, 79, 94) }
```

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

Here you see how a box with a 4 pixel rgb(217, 79, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 79, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 79, 94);  
box-shadow:4px 4px 4px 4px rgb(217, 79,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1518, 0.4953, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 79, 94) }
```

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

```
.background{ background-color: rgb(217, 79,  
94) }
```

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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