

Converting Colors

$Yxy(22.2447, 0.5114, 0.3245)$

Have a look what the booklet for
Yxy(22.2447, 0.5114, 0.3245)
contains.

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Color

Yxy(22.2447, 0.5114, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	DF5156
RGB	223, 81, 86
RGB Percent	87%, 32%, 34%
CMY	0.1254, 0.6824, 0.6628
CMYK	0.00, 0.64, 0.61, 0.13
HSL	358°, 69%, 60%
HSV	358°, 64%, 87%
XYZ	35.0568, 22.2447, 11.2492
YIQ	124.0280, 83.0270, 31.6590

Conversions

Conversions Part 2

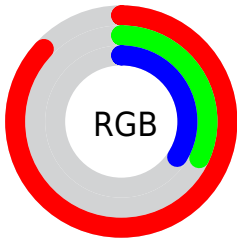
Format	Color
R _Y B	223, 81, 86
Decimal	14635350
CIE Lab	54.29, 55.62, 27.34
CIE LCh	54, 61.975, 26.173
Yxy	22.2447, 0.5114, 0.3245
Android (android.graphics.Color)	4292825430 (0xFFDF5156)
YUV	124.0280, -18.7478, 86.7984
Hunter-Lab	47.1643, 50.1401, 18.8737

Details

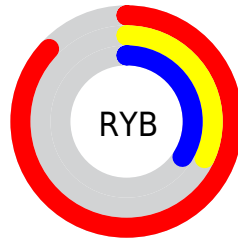
The Yxy color **22.2447, 0.5114, 0.3245** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **59.5946, 0.2389, 0.3355**, and the grayscale version is **20.2082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6459, 0.4416, 0.3294**, and **8.1077, 0.5823, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **19.1623, 0.5583, 0.3249**, and if you desaturate by 10%, it is **26.5219, 0.4651, 0.3247**.

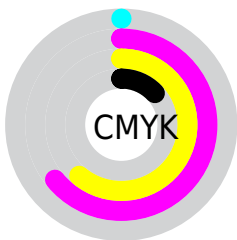
Distribution



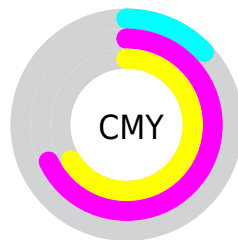
- Red (87%)
- Green (32%)
- Blue (34%)



- Red (87%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (64%)
- Yellow (61%)
- Black (13%)





- Cyan (13%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2447, 0.5114, 0.3245 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 22.2447, 0.5114, 0.3245 by changing the saturation by 10% instead.


 22.2447, 0.5114,
0.3245


 22.2447, 0.5114,
0.3245

263.8215, 0.4003,
0.3338


 14.0368, 0.5422,
0.3188


 47.1501, 0.4685,
0.3301


 8.1463, 0.5829,
0.3091


 64.6164, 0.4531,
0.3315

 4.1887, 0.6377,
0.2915

 85.9376, 0.4404,
0.3324

 1.7797, 0.7338,
0.2662

 111.4982, 0.4297,
0.3330

 0.4745, 0.8243,
0.1757

 141.6825, 0.4207,
0.3334

 0.0000, 1.0000,
0.0000

176.8748, 0.4129,

 0.0000, 0.0000,

0.3336

0.0000

217.4597, 0.4062,
0.3338

■ 22.2447, 0.5114,
0.3245

■ 22.2447, 0.5114,
0.3245

■ 19.1623, 0.5583,
0.3249

■ 26.5219, 0.4651,
0.3247

■ 17.1499, 0.5992,
0.3261

■ 32.0946, 0.4237,
0.3253

■ 16.0626, 0.6271,
0.3278

■ 39.0575, 0.3887,
0.3261

■ 15.7075, 0.6371,
0.3284

■ 47.4953, 0.3600,
0.3270

■ 57.4857, 0.3370,
0.3278

■ 69.1013, 0.3185,
0.3287

■ 82.4100, 0.3038,
0.3295

■ 94.4303, 0.2935,
0.3289

Harmonies

Analogous

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



22.2447, 0.4295, 0.2588



22.2447, 0.5114, 0.3245



22.2447, 0.5211, 0.3967

Triad

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



22.2447, 0.5114, 0.3245



22.2447, 0.2799, 0.5149



22.2447, 0.1611, 0.1766

Complementary

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



22.2447, 0.5114, 0.3245



59.5946, 0.2389, 0.3355

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.



22.2447, 0.1375, 0.2079



22.2447, 0.5114, 0.3245



22.2447, 0.1948, 0.4065

Square

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



22.2447, 0.5114, 0.3245



22.2447, 0.3791, 0.5296



22.2447, 0.1469, 0.2840



22.2447, 0.2194, 0.1782

Rectangle

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



22.2447, 0.5114, 0.3245



22.2447, 0.4906, 0.4473



22.2447, 0.1469, 0.2840



22.2447, 0.1496, 0.1829

Sweetspot

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



22.2460, 0.5114, 0.3245



70.2346, 0.3489, 0.3274



25.7981, 0.3120, 0.1806



14.2235, 0.3558, 0.3271



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.



22.2460, 0.5114, 0.3245



25.0366, 0.5710, 0.3252



36.5053, 0.4611, 0.4005



13.7083, 0.3287, 0.3282



9.2379, 0.6361, 0.3278



0.6431, 0.6248, 0.3216

Inverse Universe

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



22.2460, 0.5114, 0.3245



25.0366, 0.5710, 0.3252



31.9099, 0.2150, 0.2355



13.7083, 0.3287, 0.3282



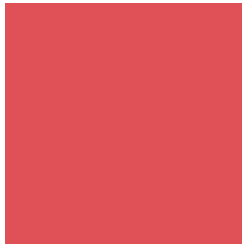
9.2379, 0.6361, 0.3278



0.6431, 0.6248, 0.3216

Previews

White Background



This preview shows how the Yxy color 22.2447, 0.5114, 0.3245 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 22.2447, 0.5114, 0.3245 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 22.2447, 0.5114, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 22.2447, 0.5114, 0.3245.



This preview shows how white text looks on a background with the Yxy color 22.2447, 0.5114, 0.3245.

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

22.2447, 0.5114, 0.3245

Protanopia

22.4301, 0.3481, 0.3697

Deuteranopia

22.2489, 0.4096, 0.4012



Tritanopia

22.2447, 0.5114, 0.3245

Trichromacy



Original Color

22.2447, 0.5114, 0.3245

Protanomaly

20.9242, 0.4076, 0.3494

Deuteranomaly

21.2794, 0.4500, 0.3658

Tritanomaly

22.2447, 0.5114, 0.3245

Monochromacy



Original Color

22.2447, 0.5114, 0.3245

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3245, 0.3825, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2447, 0.5114, 0.3245 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(223, 81, 86)` looks like.

```
.text, #text, p{  
    color:rgb(223, 81, 86)  
}
```

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(223, 81, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 81, 86) }
```

Border

The CSS property to change the border of an element to Yxy 22.2447, 0.5114, 0.3245 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(223, 81, 86) }
```

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

```
.border{ border-color:rgb(223, 81, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 81, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 81, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 81, 86);  
box-shadow:4px 4px 4px 4px rgb(223, 81,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2447, 0.5114, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 81, 86) }
```

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

```
.background{ background-color: rgb(223, 81,  
86) }
```

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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