

Converting Colors

$Yxy(24.1039, 0.5097, 0.3126)$

Have a look what the booklet for
Yxy(24.1039, 0.5097, 0.3126)
contains.

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Color

Yxy(23.9555, 0.5099, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	EB4E60
RGB	235, 78, 96
RGB Percent	92%, 31%, 38%
CMY	0.0784, 0.6941, 0.6236
CMYK	0.00, 0.67, 0.59, 0.08
HSL	353°, 80%, 61%
HSV	353°, 67%, 92%
XYZ	39.1002, 23.9555, 13.6264
YIQ	126.9950, 87.7940, 38.8820

Conversions

Conversions Part 2

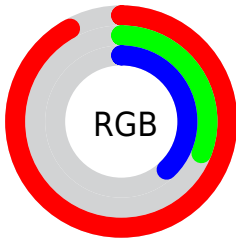
Format	Color
R_{YB}	235, 78, 96
Decimal	15421024
CIE _{Lab}	56.04, 61.33, 24.17
CIE _{LCh}	56, 65.924, 21.511
Yxy	23.9555, 0.5099, 0.3124
Android (android.graphics.Color)	4293611104 (0xFFEB4E60)
YUV	126.9950, -15.2805, 94.7204
Hunter-Lab	48.9444, 56.9458, 17.7543

Details

The Yxy color **23.9555, 0.5099, 0.3124** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **66.0559, 0.2421, 0.3524**, and the grayscale version is **21.2516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6633, 0.4308, 0.3179**, and **9.1145, 0.5789, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **20.8596, 0.5545, 0.3136**, and if you desaturate by 10%, it is **28.3480, 0.4658, 0.3131**.

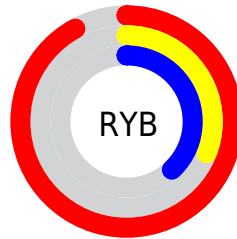
Distribution



Red (92%)

Green (31%)

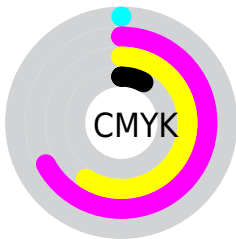
Blue (38%)



Red (92%)

Yellow (31%)

Blue (38%)

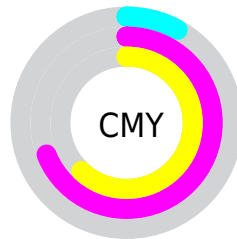


Cyan (0%)

Magenta (67%)

Yellow (59%)

Black (8%)



Cyan (8%)


Magenta (69%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9555, 0.5099, 0.3124 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 23.9555, 0.5099, 0.3124 by changing the saturation by 10% instead.


 23.9555, 0.5099,
0.3124


 23.9555, 0.5099,
0.3124


272.5954, 0.4007,
0.3275


 15.3006, 0.5399,
0.3057


 49.9576, 0.4680,
0.3199

 9.0306, 0.5794,
0.2952


 68.0735, 0.4529,
0.3221

 4.7612, 0.6328,
0.2777

 90.1120, 0.4404,
0.3237

 2.1078, 0.7195,
0.2514

 116.4574, 0.4299,
0.3249

 0.6690, 0.8129,
0.1871

 147.4940, 0.4209,
0.3258

 0.0000, 1.0000,
0.0000

183.6063, 0.4132,

 0.0000, 0.0000,

0.3265

0.0000

225.1786, 0.4066,
0.3271

■ 23.9555, 0.5099,
0.3124

■ 23.9555, 0.5099,
0.3124

■ 20.8596, 0.5545,
0.3136

■ 28.3480, 0.4658,
0.3131

■ 18.9141, 0.5938,
0.3170

■ 34.1545, 0.4259,
0.3152

■ 17.9404, 0.6218,
0.3222


■ 41.4838, 0.3920,
0.3180


■ 17.7437, 0.6283,
0.3235

■ 50.4330, 0.3640,
0.3210

■ 61.0911, 0.3413,
0.3241

 73.5406, 0.3230,
0.3271

 87.8587, 0.3084,
0.3299

 96.4049, 0.3005,
0.3290

Harmonies

Analogous

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



23.9555, 0.4158, 0.2470



23.9555, 0.5099, 0.3124



23.9555, 0.5311, 0.3851

Triad

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



23.9555, 0.5099, 0.3124



23.9555, 0.2934, 0.5325



23.9555, 0.1509, 0.1747

Complementary

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



23.9555, 0.5099, 0.3124



66.0559, 0.2421, 0.3524

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.



23.9555, 0.1319, 0.2124



23.9555, 0.5099, 0.3124



23.9555, 0.2019, 0.4308

Square

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



23.9555, 0.5099, 0.3124



23.9555, 0.3951, 0.5301



23.9555, 0.1467, 0.2987



23.9555, 0.2045, 0.1718

Rectangle

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



23.9555, 0.5099, 0.3124



23.9555, 0.5049, 0.4369



23.9555, 0.1467, 0.2987



23.9555, 0.1410, 0.1828

Sweetspot

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



23.9569, 0.5099, 0.3124



69.0911, 0.3482, 0.3231



26.1520, 0.3010, 0.1702



14.0094, 0.3545, 0.3222



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.



23.9569, 0.5099, 0.3124



24.1272, 0.5694, 0.3146



36.4448, 0.4808, 0.3915



15.0821, 0.3275, 0.3263



9.8830, 0.6259, 0.3222



0.7853, 0.5972, 0.3064

Inverse Universe

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



23.9569, 0.5099, 0.3124



24.1272, 0.5694, 0.3146



38.2097, 0.2145, 0.2451



15.0821, 0.3275, 0.3263



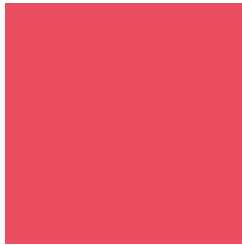
9.8830, 0.6259, 0.3222



0.7853, 0.5972, 0.3064

Previews

White Background



This preview shows how the Yxy color 23.9555, 0.5099, 0.3124 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 23.9555, 0.5099, 0.3124 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 23.9555, 0.5099, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 23.9555, 0.5099, 0.3124.



This preview shows how white text looks on a background with the Yxy color 23.9555, 0.5099, 0.3124.

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

23.9555, 0.5099, 0.3124

Protanopia

24.0061, 0.3336, 0.3514

Deuteranopia

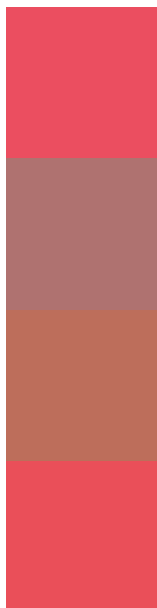
24.0865, 0.4006, 0.3936



Tritanopia

23.8856, 0.5230, 0.3250

Trichromacy



Original Color

23.9555, 0.5099, 0.3124

Protanomaly

22.3184, 0.3963, 0.3323

Deuteranomaly

22.7260, 0.4448, 0.3553

Tritanomaly

23.8057, 0.5182, 0.3202

Monochromacy



Original Color

23.9555, 0.5099, 0.3124

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.3052, 0.3815, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9555, 0.5099, 0.3124 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(235, 78, 96)` looks like.

```
.text, #text, p{  
    color:rgb(235, 78, 96)  
}
```

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(235, 78, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 78, 96) }
```

Border

The CSS property to change the border of an element to Yxy 23.9555, 0.5099, 0.3124 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(235, 78, 96) }
```

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

```
.border{ border-color:rgb(235, 78, 96) }
```

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

Here you see how a box with a 4 pixel rgb(235, 78, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 78, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 78, 96);  
box-shadow:4px 4px 4px 4px rgb(235, 78,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9555, 0.5099, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 78, 96) }
```

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

```
.background{ background-color: rgb(235, 78,  
96) }
```

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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