

Converting Colors

$Yxy(22.0644, 0.5128, 0.3094)$

Have a look what the booklet for
Yxy(22.0644, 0.5128, 0.3094)
contains.

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Color

Yxy(22.0831, 0.5128, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	E5485D
RGB	229, 72, 93
RGB Percent	90%, 28%, 36%
CMY	0.1021, 0.7175, 0.6353
CMYK	0.00, 0.69, 0.59, 0.10
HSL	352°, 75%, 59%
HSV	352°, 69%, 90%
XYZ	36.6006, 22.0831, 12.6903
YIQ	121.3370, 86.8310, 39.8150

Conversions

Conversions Part 2

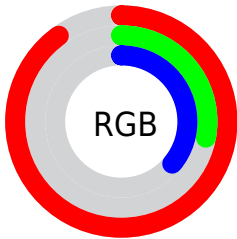
Format	Color
R_{YB}	229, 72, 93
Decimal	15026269
CIE _{Lab}	54.12, 61.54, 23.19
CIE _{LCh}	54, 65.770, 20.650
Yxy	22.0831, 0.5128, 0.3094
Android (android.graphics.Color)	4293216349 (0xFFE5485D)
YUV	121.3370, -13.9701, 94.4205
Hunter-Lab	46.9927, 56.7888, 16.8837

Details

The Yxy color **22.0831, 0.5128, 0.3094** 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 **61.9586, 0.2426, 0.3572**, and the grayscale version is **19.2658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9437, 0.4371, 0.3150**, and **8.4207, 0.5809, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **19.3458, 0.5565, 0.3110**, and if you desaturate by 10%, it is **26.0160, 0.4692, 0.3101**.

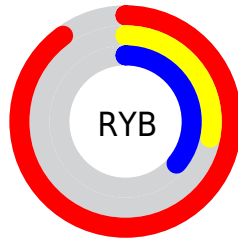
Distribution



Red (90%)

Green (28%)

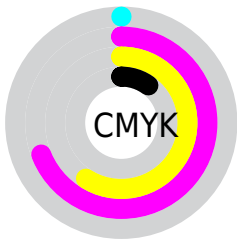
Blue (36%)



Red (90%)

Yellow (28%)

Blue (36%)

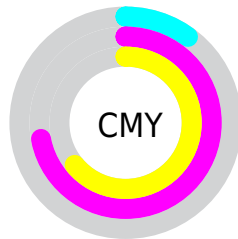


Cyan (0%)

Magenta (69%)

Yellow (59%)

Black (10%)



Cyan (10%)


Magenta (72%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0831, 0.5128, 0.3094 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 22.0831, 0.5128, 0.3094 by changing the saturation by 10% instead.

 22.0831, 0.5128,
0.3094

 22.0831, 0.5128,
0.3094


262.9799, 0.4007,
0.3263

 13.9180, 0.5441,
0.3021


 46.8833, 0.4694,
0.3177

 8.0636, 0.5857,
0.2905


 64.2872, 0.4539,
0.3201

 4.1357, 0.6423,
0.2711


 85.5394, 0.4410,
0.3219

 1.7498, 0.7444,
0.2445

 111.0244, 0.4303,
0.3232

 0.4556, 0.8447,
0.1553

 141.1266, 0.4212,
0.3243

 0.0000, 1.0000,
0.0000

176.2303, 0.4134,

 0.0000, 0.0000,

0.3251

0.0000

216.7199, 0.4066,
0.3257

■ 22.0831, 0.5128,
0.3094

■ 22.0831, 0.5128,
0.3094

■ 19.3458, 0.5565,
0.3110

■ 26.0160, 0.4692,
0.3101

■ 17.6637, 0.5946,
0.3151

■ 31.2569, 0.4294,
0.3123


■ 16.8391, 0.6218,
0.3209


■ 37.9094, 0.3953,
0.3155


■ 16.7506, 0.6249,
0.3216


■ 46.0655, 0.3671,
0.3191

■ 55.8096, 0.3441,
0.3227

 67.2197, 0.3256,
0.3262

 80.3688, 0.3107,
0.3295

 95.1841, 0.2988,
0.3322

 95.3939, 0.2970,
0.3290

Harmonies

Analogous

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



22.0831, 0.4148, 0.2435



22.0831, 0.5128, 0.3094



22.0831, 0.5362, 0.3828

Triad

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



22.0831, 0.5128, 0.3094



22.0831, 0.2951, 0.5397



22.0831, 0.1470, 0.1723

Complementary

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



22.0831, 0.5128, 0.3094



61.9586, 0.2426, 0.3572

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.



22.0831, 0.1287, 0.2114



22.0831, 0.5128, 0.3094



22.0831, 0.2014, 0.4376

Square

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



22.0831, 0.5128, 0.3094



22.0831, 0.3985, 0.5328



22.0831, 0.1444, 0.3009



22.0831, 0.2001, 0.1687

Rectangle

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



22.0831, 0.5128, 0.3094



22.0831, 0.5100, 0.4354



22.0831, 0.1444, 0.3009



22.0831, 0.1372, 0.1807

Sweetspot

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



22.0844, 0.5128, 0.3094



67.8272, 0.3496, 0.3218



23.3369, 0.2951, 0.1649



13.7658, 0.3558, 0.3208



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.



22.0844, 0.5128, 0.3094



23.6983, 0.5726, 0.3123



32.2928, 0.4914, 0.3865



14.3992, 0.3272, 0.3259



9.5895, 0.6223, 0.3202



0.7187, 0.5889, 0.3018

Inverse Universe

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



22.0844, 0.5128, 0.3094



23.6983, 0.5726, 0.3123



37.3258, 0.2146, 0.2506



14.3992, 0.3272, 0.3259



9.5895, 0.6223, 0.3202



0.7187, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 22.0831, 0.5128, 0.3094 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 22.0831, 0.5128, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

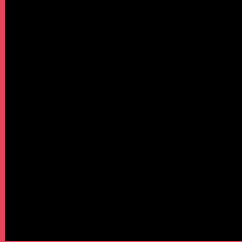
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0831, 0.5128, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 22.0831, 0.5128, 0.3094.

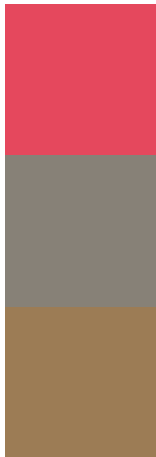


This preview shows how white text looks on a background with the Yxy color 22.0831, 0.5128, 0.3094.

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

22.0831, 0.5128, 0.3094

Protanopia

22.1833, 0.3309, 0.3468

Deuteranopia

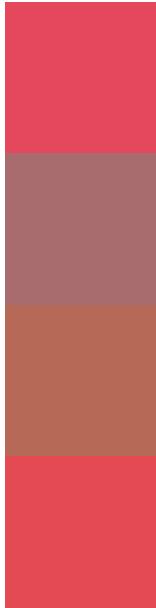
22.1391, 0.4001, 0.3927



Tritanopia

22.0906, 0.5300, 0.3259

Trichromacy



Original Color

22.0831, 0.5128, 0.3094

Protanomaly

20.2859, 0.3945, 0.3261

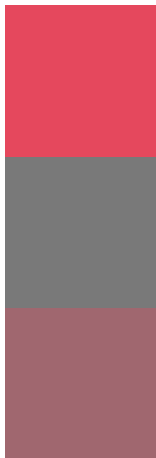
Deuteranomaly

20.8750, 0.4458, 0.3533

Tritanomaly

22.0316, 0.5238, 0.3202

Monochromacy



Original Color

22.0831, 0.5128, 0.3094

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3218, 0.3834, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0831, 0.5128, 0.3094 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(229, 72, 93)` looks like.

```
.text, #text, p{  
    color:rgb(229, 72, 93)  
}
```

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(229, 72, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 72, 93) }
```

Border

The CSS property to change the border of an element to Yxy 22.0831, 0.5128, 0.3094 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(229, 72, 93) }
```

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

```
.border{ border-color:rgb(229, 72, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 72, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 72, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 72, 93);  
box-shadow:4px 4px 4px 4px rgb(229, 72,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0831, 0.5128, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 72, 93) }
```

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

```
.background{ background-color: rgb(229, 72,  
93) }
```

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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