

Converting Colors

$Y_{xy}(22.6213, 0.5191, 0.3119)$

Have a look what the booklet for
Yxy(22.6213, 0.5191, 0.3119)
contains.

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Color

Yxy(22.7137, 0.5193, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	E9485B
RGB	233, 72, 91
RGB Percent	91%, 28%, 36%
CMY	0.0862, 0.7178, 0.6431
CMYK	0.00, 0.69, 0.61, 0.09
HSL	353°, 79%, 60%
HSV	353°, 69%, 91%
XYZ	37.8173, 22.7137, 12.2926
YIQ	122.3050, 89.8570, 40.0410

Conversions

Conversions Part 2

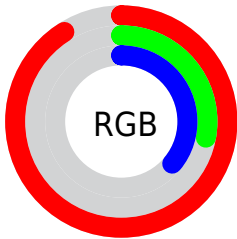
Format	Color
R_{YB}	233, 72, 91
Decimal	15288411
CIE _{Lab}	54.78, 62.68, 25.37
CIE _{LCh}	55, 67.619, 22.032
Yxy	22.7137, 0.5193, 0.3119
Android (android.graphics.Color)	4293478491 (0xFFE9485B)
YUV	122.3050, -15.4334, 97.0795
Hunter-Lab	47.6589, 58.2367, 18.0686

Details

The Yxy color **22.7137, 0.5193, 0.3119** 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 **64.5239, 0.2412, 0.3541**, and the grayscale version is **19.5938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1484, 0.4390, 0.3181**, and **8.7433, 0.5849, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **19.9455, 0.5632, 0.3136**, and if you desaturate by 10%, it is **26.7225, 0.4748, 0.3123**.

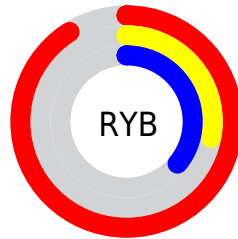
Distribution



Red (91%)

Green (28%)

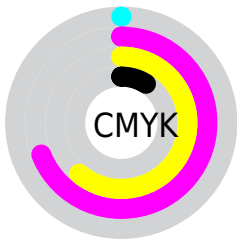
Blue (36%)



Red (91%)

Yellow (28%)

Blue (36%)

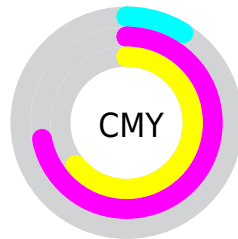


Cyan (0%)

Magenta (69%)

Yellow (61%)

Black (9%)



Cyan (9%)


Magenta (72%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.7137, 0.5193, 0.3119 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 22.7137, 0.5193, 0.3119 by changing the saturation by 10% instead.


 22.7137, 0.5193,
0.3119


 22.7137, 0.5193,
0.3119


266.2511, 0.4042,
0.3280


 14.3822, 0.5510,
0.3046

 47.9228, 0.4750,
0.3200


 8.3870, 0.5927,
0.2930


 65.5692, 0.4591,
0.3223


 4.3436, 0.6488,
0.2734

 87.0894, 0.4459,
0.3240

 1.8675, 0.7514,
0.2476

 112.8678, 0.4348,
0.3253

 0.5288, 0.8354,
0.1646

 143.2888, 0.4254,
0.3262

 0.0000, 1.0000,
0.0000

178.7367, 0.4174,

 0.0000, 0.0000,

0.3270

0.0000

219.5960, 0.4104,
0.3275

■ 22.7137, 0.5193,
0.3119

■ 22.7137, 0.5193,
0.3119

■ 19.9455, 0.5632,
0.3136

■ 26.7225, 0.4748,
0.3123

■ 18.2689, 0.6005,
0.3176

■ 32.0906, 0.4340,
0.3141


■ 17.4636, 0.6259,
0.3228


■ 38.9273, 0.3988,
0.3169


■ 17.4100, 0.6277,
0.3231

■ 47.3297, 0.3696,
0.3200

■ 57.3865, 0.3459,
0.3232

 69.1799, 0.3268,
0.3263

 82.7865, 0.3115,
0.3292

 96.0682, 0.2994,
0.3290

Harmonies

Analogous

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



22.7137, 0.4222, 0.2449



22.7137, 0.5193, 0.3119



22.7137, 0.5387, 0.3862

Triad

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



22.7137, 0.5193, 0.3119



22.7137, 0.2894, 0.5417



22.7137, 0.1464, 0.1692

Complementary

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



22.7137, 0.5193, 0.3119



64.5239, 0.2412, 0.3541

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.



22.7137, 0.1264, 0.2065



22.7137, 0.5193, 0.3119



22.7137, 0.1957, 0.4332

Square

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



22.7137, 0.5193, 0.3119



22.7137, 0.3943, 0.5383



22.7137, 0.1404, 0.2945



22.7137, 0.2018, 0.1671

Rectangle

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



22.7137, 0.5193, 0.3119



22.7137, 0.5097, 0.4397



22.7137, 0.1404, 0.2945



22.7137, 0.1361, 0.1771

Sweetspot

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



22.7150, 0.5193, 0.3119



67.7868, 0.3502, 0.3226



24.4466, 0.2976, 0.1652



13.7564, 0.3566, 0.3217



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.



22.7150, 0.5193, 0.3119



23.4353, 0.5804, 0.3151



34.0352, 0.4910, 0.3895



15.0830, 0.3274, 0.3262



9.8855, 0.6253, 0.3218



0.7858, 0.5960, 0.3057

Inverse Universe

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



22.7150, 0.5193, 0.3119



23.4353, 0.5804, 0.3151



37.5233, 0.2130, 0.2458



15.0830, 0.3274, 0.3262



9.8855, 0.6253, 0.3218



0.7858, 0.5960, 0.3057

Previews

White Background



This preview shows how the Yxy color 22.7137, 0.5193, 0.3119 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 22.7137, 0.5193, 0.3119 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 22.7137, 0.5193, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 22.7137, 0.5193, 0.3119.



This preview shows how white text looks on a background with the Yxy color 22.7137, 0.5193, 0.3119.

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

22.7137, 0.5193, 0.3119

Protanopia

22.8353, 0.3352, 0.3536

Deuteranopia

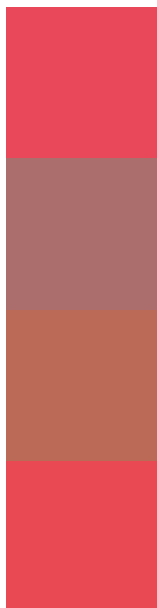
22.9172, 0.4048, 0.3978



Tritanopia

22.6034, 0.5352, 0.3261

Trichromacy



Original Color

22.7137, 0.5193, 0.3119

Protanomaly

21.0052, 0.4002, 0.3323

Deuteranomaly

21.4191, 0.4513, 0.3569

Tritanomaly

22.5454, 0.5292, 0.3205

Monochromacy



Original Color

22.7137, 0.5193, 0.3119

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7297, 0.3857, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7137, 0.5193, 0.3119 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(233, 72, 91)` looks like.

```
.text, #text, p{  
    color:rgb(233, 72, 91)  
}
```

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(233, 72, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 72, 91) }
```

Border

The CSS property to change the border of an element to Yxy 22.7137, 0.5193, 0.3119 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(233, 72, 91) }
```

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

```
.border{ border-color:rgb(233, 72, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 72, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 72, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 72, 91);  
box-shadow:4px 4px 4px 4px rgb(233, 72,  
91) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.7137, 0.5193, 0.3119$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 72, 91) }
```

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

```
.background{ background-color: rgb(233, 72,  
91) }
```

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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