

Converting Colors

$Yxy(21.9746, 0.5194, 0.3199)$

Have a look what the booklet for
Yxy(21.9746, 0.5194, 0.3199)
contains.

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Color

Yxy(21.8568, 0.5199, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	E24B55
RGB	226, 75, 85
RGB Percent	89%, 29%, 33%
CMY	0.1137, 0.7059, 0.6666
CMYK	0.00, 0.67, 0.62, 0.11
HSL	356°, 72%, 59%
HSV	356°, 67%, 89%
XYZ	35.5216, 21.8568, 10.9455
YIQ	121.2890, 86.7860, 35.1220

Conversions

Conversions Part 2

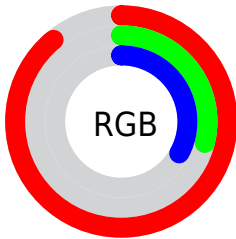
Format	Color
R_{YB}	226, 75, 85
Decimal	14830421
CIE _{Lab}	53.87, 58.97, 27.48
CIE _{LCh}	54, 65.058, 24.985
Yxy	21.8568, 0.5199, 0.3199
Android (android.graphics.Color)	4293020501 (0xFFE24B55)
YUV	121.2890, -17.8905, 91.8315
Hunter-Lab	46.7513, 53.8095, 18.8448

Details

The Yxy color **21.8568, 0.5199, 0.3199** 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 **60.8478, 0.2390, 0.3422**, and the grayscale version is **19.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5118, 0.4448, 0.3263**, and **8.0457, 0.5928, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **19.0307, 0.5654, 0.3209**, and if you desaturate by 10%, it is **25.8737, 0.4739, 0.3201**.

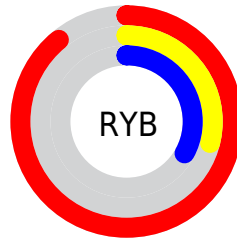
Distribution



Red (89%)

Green (29%)

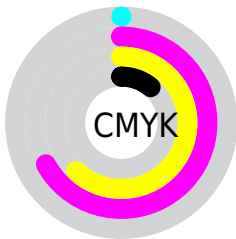
Blue (33%)



Red (89%)

Yellow (29%)

Blue (33%)

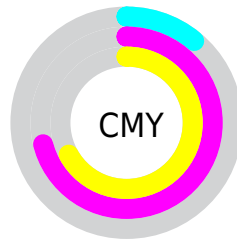


Cyan (0%)

Magenta (67%)

Yellow (62%)

Black (11%)



Cyan (11%)


Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8568, 0.5199, 0.3199 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 21.8568, 0.5199, 0.3199 by changing the saturation by 10% instead.


 21.8568, 0.5199,
0.3199


 21.8568, 0.5199,
0.3199

261.7975, 0.4039,
0.3322


 13.7517, 0.5520,
0.3132


 46.5092, 0.4751,
0.3268


 7.9482, 0.5942,
0.3021


 63.8253, 0.4590,
0.3286

 4.0618, 0.6508,
0.2826

 84.9806, 0.4458,
0.3298

 1.7082, 0.7465,
0.2535

 110.3593, 0.4346,
0.3307

 0.4290, 0.8429,
0.1571

 140.3460, 0.4252,
0.3313

 0.0000, 1.0000,
0.0000

175.3250, 0.4171,

 0.0000, 0.0000,

0.3317

0.0000

215.6807, 0.4101,
0.3320

■ 21.8568, 0.5199,
0.3199

■ 21.8568, 0.5199,
0.3199

■ 19.0307, 0.5654,
0.3209

■ 25.8737, 0.4739,
0.3201

■ 17.2610, 0.6039,
0.3231

■ 31.1893, 0.4320,
0.3212

■ 16.3826, 0.6291,
0.3263


■ 37.9037, 0.3962,
0.3227


■ 16.2039, 0.6344,
0.3268

■ 46.1060, 0.3666,
0.3245

■ 55.8783, 0.3427,
0.3262

 67.2962, 0.3235,
0.3279

 80.4308, 0.3082,
0.3295

 94.8341, 0.2958,
0.3301

 94.9094, 0.2952,
0.3289

Harmonies

Analogous

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



21.8568, 0.4311, 0.2528



21.8568, 0.5199, 0.3199



21.8568, 0.5316, 0.3940

Triad

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



21.8568, 0.5199, 0.3199



21.8568, 0.2807, 0.5297



21.8568, 0.1532, 0.1707

Complementary

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



21.8568, 0.5199, 0.3199



60.8478, 0.2390, 0.3422

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.



21.8568, 0.1303, 0.2038



21.8568, 0.5199, 0.3199



21.8568, 0.1913, 0.4164

Square

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



21.8568, 0.5199, 0.3199



21.8568, 0.3839, 0.5382



21.8568, 0.1408, 0.2848



21.8568, 0.2117, 0.1714

Rectangle

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



21.8568, 0.5199, 0.3199



21.8568, 0.5000, 0.4468



21.8568, 0.1408, 0.2848



21.8568, 0.1419, 0.1775

Sweetspot

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



21.8581, 0.5199, 0.3199



68.9696, 0.3501, 0.3256



25.1130, 0.3091, 0.1743



13.9810, 0.3568, 0.3251



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.



21.8581, 0.5199, 0.3199



24.0040, 0.5809, 0.3216



35.5613, 0.4731, 0.3998



13.7152, 0.3282, 0.3275



9.2500, 0.6327, 0.3259



0.6464, 0.6121, 0.3145

Inverse Universe

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



21.8581, 0.5199, 0.3199



24.0040, 0.5809, 0.3216



32.3268, 0.2119, 0.2338



13.7152, 0.3282, 0.3275



9.2500, 0.6327, 0.3259



0.6464, 0.6121, 0.3145

Previews

White Background



This preview shows how the Yxy color 21.8568, 0.5199, 0.3199 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 21.8568, 0.5199, 0.3199 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 21.8568, 0.5199, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 21.8568, 0.5199, 0.3199.



This preview shows how white text looks on a background with the Yxy color 21.8568, 0.5199, 0.3199.

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

21.8568, 0.5199, 0.3199

Protanopia

22.0175, 0.3448, 0.3665

Deuteranopia

21.8698, 0.4115, 0.4030



Tritanopia

21.9168, 0.5262, 0.3258

Trichromacy



Original Color

21.8568, 0.5199, 0.3199

Protanomaly

20.2924, 0.4081, 0.3432

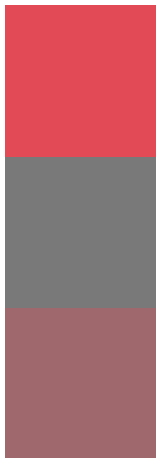
Deuteranomaly

20.8323, 0.4545, 0.3657

Tritanomaly

21.9468, 0.5234, 0.3239

Monochromacy



Original Color

21.8568, 0.5199, 0.3199

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3543, 0.3860, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8568, 0.5199, 0.3199 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(226, 75, 85)` looks like.

```
.text, #text, p{  
    color:rgb(226, 75, 85)  
}
```

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(226, 75, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 75, 85) }
```

Border

The CSS property to change the border of an element to Yxy 21.8568, 0.5199, 0.3199 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(226, 75, 85) }
```

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

```
.border{ border-color:rgb(226, 75, 85) }
```

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

Here you see how a box with a 4 pixel rgb(226, 75, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 75, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 75, 85);  
box-shadow:4px 4px 4px 4px rgb(226, 75,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8568, 0.5199, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 75, 85) }
```

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

```
.background{ background-color: rgb(226, 75,  
85) }
```

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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