

Converting Colors

$Y_{xy}(24.6950, 0.5239, 0.3269)$

Have a look what the booklet for
Yxy(24.6950, 0.5239, 0.3269)
contains.

Yxy(24.6950, 0.5239, 0.3269)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.6950, 0.5239, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	ED5255
RGB	237, 82, 85
RGB Percent	93%, 32%, 33%
CMY	0.0707, 0.6783, 0.6667
CMYK	0.00, 0.65, 0.64, 0.07
HSL	359°, 81%, 63%
HSV	359°, 65%, 93%
XYZ	39.5770, 24.6950, 11.2710
YIQ	128.6870, 91.4170, 33.7930

Conversions

Conversions Part 2

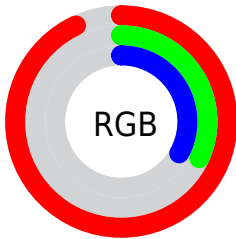
Format	Color
RYB	237, 82, 85
Decimal	15553109
CIELab	56.78, 59.67, 31.57
CIElCh	57, 67.511, 27.881
Yxy	24.6950, 0.5239, 0.3269
Android (android.graphics.Color)	4293743189 (0xFFED5255)
YUV	128.6870, -21.5377, 94.9905
Hunter-Lab	49.6941, 55.1950, 21.3384

Details

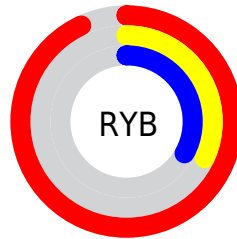
The Yxy color **24.6950, 0.5239, 0.3269** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **68.2953, 0.2367, 0.3325**, and the grayscale version is **21.8943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4745, 0.4410, 0.3335**, and **9.3912, 0.5942, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **21.4062, 0.5705, 0.3273**, and if you desaturate by 10%, it is **29.3416, 0.4764, 0.3269**.

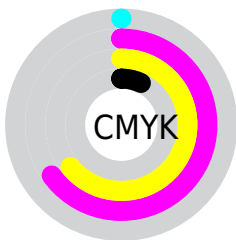
Distribution



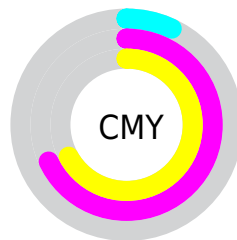
- Red (93%)
- Green (32%)
- Blue (33%)



- Red (93%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (64%)
- Black (7%)





- Cyan (7%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6950, 0.5239, 0.3269 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 24.6950, 0.5239, 0.3269 by changing the saturation by 10% instead.


 24.6950, 0.5239,
0.3269


 24.6950, 0.5239,
0.3269


276.3156, 0.4081,
0.3361

 15.8500, 0.5548,
0.3210


 51.1620, 0.4800,
0.3327

 9.4180, 0.5946,
0.3110


 69.5527, 0.4640,
0.3341

 5.0148, 0.6468,
0.2934

 91.8942, 0.4506,
0.3350

 2.2560, 0.7323,
0.2677

 118.5707, 0.4394,
0.3355

 0.7503, 0.7994,
0.2006

 149.9667, 0.4298,
0.3359

 0.0000, 1.0000,
0.0000

186.4666, 0.4216,

 0.0000, 0.0000,

0.3360

0.0000

228.4548, 0.4144,
0.3361

■ 24.6950, 0.5239,
0.3269

■ 24.6950, 0.5239,
0.3269

■ 21.4062, 0.5705,
0.3273

■ 29.3416, 0.4764,
0.3269

■ 19.3252, 0.6089,
0.3281

■ 35.4667, 0.4330,
0.3271


■ 18.2744, 0.6325,
0.3290


■ 43.1827, 0.3960,
0.3274


■ 18.0112, 0.6386,
0.3292

■ 52.5897, 0.3656,
0.3279

■ 63.7800, 0.3411,
0.3283

 76.8388, 0.3216,
0.3288

 91.8461, 0.3059,
0.3292

 96.7413, 0.3017,
0.3290

Harmonies

Analogous

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



24.6950, 0.4417, 0.2591



24.6950, 0.5239, 0.3269



24.6950, 0.5281, 0.4014

Triad

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



24.6950, 0.5239, 0.3269



24.6950, 0.2713, 0.5219



24.6950, 0.1576, 0.1699

Complementary

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



24.6950, 0.5239, 0.3269



68.2953, 0.2367, 0.3325

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.



24.6950, 0.1315, 0.1993



24.6950, 0.5239, 0.3269



24.6950, 0.1850, 0.4024

Square

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



24.6950, 0.5239, 0.3269



24.6950, 0.3741, 0.5410



24.6950, 0.1387, 0.2748



24.6950, 0.2198, 0.1734

Rectangle

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



24.6950, 0.5239, 0.3269



24.6950, 0.4930, 0.4543



24.6950, 0.1387, 0.2748



24.6950, 0.1452, 0.1755

Sweetspot

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



24.6964, 0.5239, 0.3269



68.8521, 0.3519, 0.3281



29.2779, 0.3145, 0.1787



13.9535, 0.3590, 0.3280



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.



24.6964, 0.5239, 0.3269



24.4231, 0.5829, 0.3275



41.8353, 0.4647, 0.4045



15.0587, 0.3290, 0.3286



9.8374, 0.6380, 0.3288



0.7741, 0.6324, 0.3257

Inverse Universe

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



24.6964, 0.5239, 0.3269



24.4231, 0.5829, 0.3275



34.7007, 0.2116, 0.2283



15.0587, 0.3290, 0.3286



9.8374, 0.6380, 0.3288



0.7741, 0.6324, 0.3257

Previews

White Background



This preview shows how the Yxy color 24.6950, 0.5239, 0.3269 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 24.6950, 0.5239, 0.3269 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 24.6950, 0.5239, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 24.6950, 0.5239, 0.3269.



This preview shows how white text looks on a background with the Yxy color 24.6950, 0.5239, 0.3269.

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

24.6950, 0.5239, 0.3269

Protanopia

24.7808, 0.3556, 0.3780

Deuteranopia

24.7166, 0.4179, 0.4090



Tritanopia

24.7110, 0.5226, 0.3259

Trichromacy



Original Color

24.6950, 0.5239, 0.3269

Protanomaly

22.9753, 0.4175, 0.3541

Deuteranomaly

23.5959, 0.4596, 0.3728

Tritanomaly

24.7110, 0.5226, 0.3259

Monochromacy



Original Color

24.6950, 0.5239, 0.3269

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1054, 0.3869, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6950, 0.5239, 0.3269 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(237, 82, 85)` looks like.

```
.text, #text, p{  
  color:rgb(237, 82, 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(237, 82, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 82, 85) }
```

Border

The CSS property to change the border of an element to Yxy 24.6950, 0.5239, 0.3269 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(237, 82, 85) }
```

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

```
.border{ border-color:rgb(237, 82, 85) }
```

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

Here you see how a box with a 4 pixel rgb(237, 82, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 82, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 82, 85);  
box-shadow:4px 4px 4px 4px rgb(237, 82,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6950, 0.5239, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 82, 85) }
```

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

```
.background{ background-color: rgb(237, 82,  
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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