

Converting Colors

$Y_{xy}(24.4789, 0.5239, 0.3294)$

Have a look what the booklet for
Yxy(24.4789, 0.5239, 0.3294)
contains.

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Color

Yxy(24.4732, 0.5241, 0.3296)

Conversions

Conversions Part 1

Format	Color
Hex	EB5353
RGB	235, 83, 83
RGB Percent	92%, 33%, 33%
CMY	0.0785, 0.6745, 0.6744
CMYK	0.00, 0.65, 0.65, 0.08
HSL	360°, 79%, 62%
HSV	360°, 65%, 92%
XYZ	38.9151, 24.4732, 10.8630
YIQ	128.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

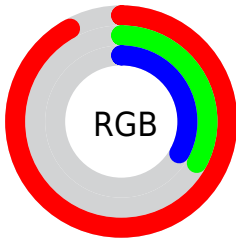
Format	Color
R _Y B	235, 83, 83
Decimal	15422291
CIE Lab	56.56, 58.52, 32.34
CIE LCh	57, 66.865, 28.926
Yxy	24.4732, 0.5241, 0.3296
Android (android.graphics.Color)	4293612371 (0xFFEB5353)
YUV	128.4480, -22.4059, 93.4461
Hunter-Lab	49.4704, 53.8409, 21.6101

Details

The Yxy color **24.4732, 0.5241, 0.3296** 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 **67.2491, 0.2360, 0.3288**, and the grayscale version is **21.8090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4187, 0.4432, 0.3356**, and **9.2522, 0.5947, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **21.1634, 0.5711, 0.3297**, and if you desaturate by 10%, it is **29.1267, 0.4762, 0.3295**.

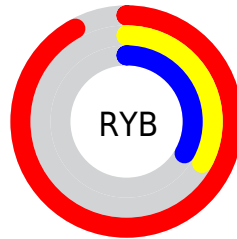
Distribution



Red (92%)

Green (33%)

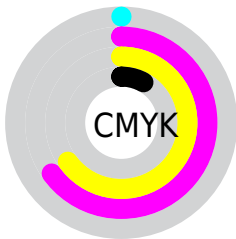
Blue (33%)



Red (92%)

Yellow (33%)

Blue (33%)

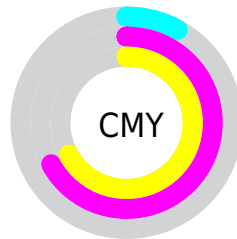


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (8%)



Cyan (8%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4732, 0.5241, 0.3296 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 24.4732, 0.5241, 0.3296 by changing the saturation by 10% instead.


 24.4732, 0.5241,
0.3296


 24.4732, 0.5241,
0.3296


275.2042, 0.4081,
0.3375


 15.6850, 0.5550,
0.3239


 50.8013, 0.4801,
0.3350

 9.3015, 0.5949,
0.3141


 69.1100, 0.4640,
0.3362

 4.9384, 0.6469,
0.2966

 91.3610, 0.4507,
0.3370

 2.2112, 0.7300,
0.2700

 117.9387, 0.4395,
0.3374

 0.7261, 0.7983,
0.2017

 149.2274, 0.4299,
0.3376

 0.0000, 1.0000,
0.0000

185.6117, 0.4216,

 0.0000, 0.0000,

0.3376

0.0000

227.4758, 0.4144,
0.3376

■ 24.4732, 0.5241,
0.3296

■ 24.4732, 0.5241,
0.3296

■ 21.1634, 0.5711,
0.3297

■ 29.1267, 0.4762,
0.3295

■ 19.0513, 0.6096,
0.3299

■ 35.2418, 0.4324,
0.3293


■ 17.9645, 0.6330,
0.3299


■ 42.9284, 0.3952,
0.3292


■ 17.6611, 0.6401,
0.3300

■ 52.2845, 0.3646,
0.3291

■ 63.4003, 0.3401,
0.3291

 76.3596, 0.3205,
0.3290

 91.2407, 0.3048,
0.3290

 96.4010, 0.3005,
0.3290

Harmonies

Analogous

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



24.4732, 0.4447, 0.2617



24.4732, 0.5241, 0.3296



24.4732, 0.5258, 0.4041

Triad

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



24.4732, 0.5241, 0.3296



24.4732, 0.2682, 0.5177



24.4732, 0.1599, 0.1703

Complementary

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



24.4732, 0.5241, 0.3296



67.2491, 0.2360, 0.3288

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.



24.4732, 0.1327, 0.1983



24.4732, 0.5241, 0.3296



24.4732, 0.1834, 0.3971

Square

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



24.4732, 0.5241, 0.3296



24.4732, 0.3705, 0.5408



24.4732, 0.1387, 0.2717



24.4732, 0.2232, 0.1748

Rectangle

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



24.4732, 0.5241, 0.3296



24.4732, 0.4898, 0.4567



24.4732, 0.1387, 0.2717



24.4732, 0.1471, 0.1756

Sweetspot

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



24.4746, 0.5241, 0.3296



70.1512, 0.3502, 0.3291



29.4192, 0.3170, 0.1811



14.2039, 0.3574, 0.3291



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.



24.4746, 0.5241, 0.3296



24.3848, 0.5866, 0.3298



42.2208, 0.4603, 0.4067



15.0541, 0.3293, 0.3290



9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Inverse Universe

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



24.4746, 0.5241, 0.3296



24.3848, 0.5866, 0.3298



33.5149, 0.2117, 0.2260



15.0541, 0.3293, 0.3290



9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 24.4732, 0.5241, 0.3296 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 24.4732, 0.5241, 0.3296 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 24.4732, 0.5241, 0.3296

Background



This preview shows how black text looks on a background with the Yxy color 24.4732, 0.5241, 0.3296.



This preview shows how white text looks on a background with the Yxy color 24.4732, 0.5241, 0.3296.

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

24.4732, 0.5241, 0.3296

Protanopia

24.6275, 0.3577, 0.3833

Deuteranopia

24.5803, 0.4188, 0.4121



Tritanopia

24.3849, 0.5196, 0.3249

Trichromacy



Original Color

24.4732, 0.5241, 0.3296

Protanomaly

23.0321, 0.4195, 0.3601

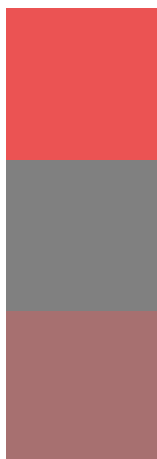
Deuteranomaly

23.4367, 0.4609, 0.3755

Tritanomaly

24.3686, 0.5210, 0.3259

Monochromacy



Original Color

24.4732, 0.5241, 0.3296

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.9737, 0.3870, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4732, 0.5241, 0.3296 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, 83, 83)` looks like.

```
.text, #text, p{  
    color:rgb(235, 83, 83)  
}
```

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, 83, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 83, 83) }
```

Border

The CSS property to change the border of an element to Yxy 24.4732, 0.5241, 0.3296 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, 83, 83) }
```

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

```
.border{ border-color:rgb(235, 83, 83) }
```

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

Here you see how a box with a 4 pixel rgb(235, 83, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 83, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 83, 83);  
box-shadow:4px 4px 4px 4px rgb(235, 83,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4732, 0.5241, 0.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 83, 83) }
```

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

```
.background{ background-color: rgb(235, 83,  
83) }
```

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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