

Converting Colors

$Yxy(24.5595, 0.5439, 0.3471)$

Have a look what the booklet for
Yxy(24.5595, 0.5439, 0.3471)
contains.

| | |
|---|----|
| Yxy(24.5408, 0.5439, 0.3470) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(24.5408, 0.5439, 0.3470)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EB5541 |
| RGB | 235, 85, 65 |
| RGB Percent | 92%, 33%, 25% |
| CMY | 0.0784, 0.6667, 0.7450 |
| CMYK | 0.00, 0.64, 0.72, 0.08 |
| HSL | 7°, 81%, 59% |
| HSV | 7°, 72%, 92% |
| XYZ | 38.4661, 24.5408, 7.7159 |
| YIQ | 127.5700, 95.8200, 25.5800 |

Conversions

Conversions Part 2

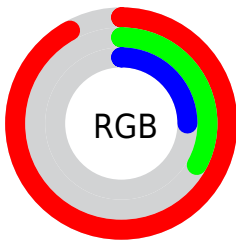
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 235, 88, 65 |
| Decimal | 15422785 |
| CIE _{Lab} | 56.63, 56.80, 42.45 |
| CIE _{LCh} | 57, 70.914, 36.773 |
| Yxy | 24.5408, 0.5439, 0.3470 |
| Android (android.graphics.Color) | 4293612865 (0xFFEB5541) |
| YUV | 127.5700, -30.8470, 94.2161 |
| Hunter-Lab | 49.5387, 51.9102, 25.4424 |

Details

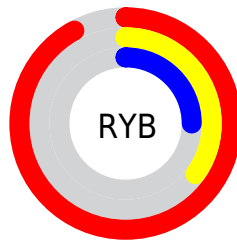
The Yxy color **24.5408, 0.5439, 0.3470** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **55.7465, 0.2250, 0.3023**, and the grayscale version is **21.5152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5247, 0.4621, 0.3567**, and **9.3575, 0.6148, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **21.5232, 0.5851, 0.3448**, and if you desaturate by 10%, it is **28.6313, 0.4990, 0.3470**.

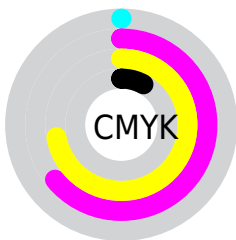
Distribution



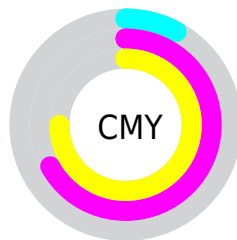
- Red (92%)
- Green (33%)
- Blue (25%)



- Red (92%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (72%)
- Black (8%)




- Cyan (8%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5408, 0.5439, 0.3470 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 24.5408, 0.5439, 0.3470 by changing the saturation by 10% instead.


 24.5408, 0.5439,
0.3470


 24.5408, 0.5439,
0.3470


 275.5433, 0.4189,
0.3489


 15.7353, 0.5755,
0.3414


 50.9113, 0.4975,
0.3512


 9.3370, 0.6148,
0.3309


 69.2450, 0.4802,
0.3516


 4.9617, 0.6704,
0.3143

 91.5236, 0.4658,
0.3516

 2.2248, 0.7245,
0.2755

 118.1315, 0.4535,
0.3513

 0.7335, 0.7921,
0.2079

 149.4530, 0.4430,
0.3508

 0.0000, 1.0000,
0.0000

 185.8725, 0.4339,

 0.0000, 0.0000,

0.3502

0.0000

227.7745, 0.4259,
0.3495

■ 24.5408, 0.5439,
0.3470

■ 24.5408, 0.5439,
0.3470

■ 21.5232, 0.5851,
0.3448

■ 28.6313, 0.4990,
0.3470

■ 19.4727, 0.6163,
0.3404


■ 33.8788, 0.4557,
0.3453

■ 18.4750, 0.6317,
0.3366


■ 40.3639, 0.4171,
0.3426


■ 48.1587, 0.3842,
0.3393

■ 57.3300, 0.3569,
0.3360

 67.9396, 0.3346,
0.3327

 80.0460, 0.3164,
0.3297

 93.7041, 0.3016,
0.3269

 96.4032, 0.3005,
0.3290

Harmonies

Analogous

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



24.5408, 0.4810, 0.2753



24.5408, 0.5439, 0.3470



24.5408, 0.5231, 0.4258

Triad

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



24.5408, 0.5439, 0.3470



24.5408, 0.2381, 0.5045



24.5408, 0.1664, 0.1618

Complementary

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



24.5408, 0.5439, 0.3470



55.7465, 0.2250, 0.3023

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.



24.5408, 0.1295, 0.1803



24.5408, 0.5439, 0.3470



24.5408, 0.1601, 0.3617

Square

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



24.5408, 0.5439, 0.3470



24.5408, 0.3427, 0.5582



24.5408, 0.1261, 0.2418



24.5408, 0.2427, 0.1743

Rectangle

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



24.5408, 0.5439, 0.3470



24.5408, 0.4754, 0.4815



24.5408, 0.1261, 0.2418



24.5408, 0.1501, 0.1642

Sweetspot

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



24.5422, 0.5439, 0.3470



69.2758, 0.3563, 0.3359



26.3634, 0.3418, 0.1860



14.1460, 0.3632, 0.3368



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.



24.5422, 0.5439, 0.3470



24.5198, 0.6025, 0.3428



46.7390, 0.4601, 0.4339



15.3389, 0.3290, 0.3318



10.3759, 0.6300, 0.3380



0.9084, 0.6099, 0.3539

Inverse Universe

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



55.7465, 0.2250, 0.3023



63.5533, 0.2175, 0.2961



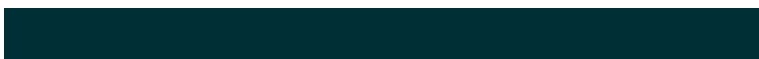
23.1398, 0.1936, 0.1779



16.8022, 0.2981, 0.3262



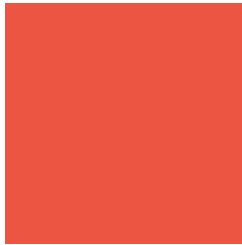
28.4056, 0.2143, 0.2916



2.3161, 0.2159, 0.2973

Previews

White Background



This preview shows how the Yxy color 24.5408, 0.5439, 0.3470 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 24.5408, 0.5439, 0.3470 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 24.5408, 0.5439, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 24.5408, 0.5439, 0.3470.



This preview shows how white text looks on a background with the Yxy color 24.5408, 0.5439, 0.3470.

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

24.5408, 0.5439, 0.3470

Protanopia

24.6071, 0.3860, 0.4180

Deuteranopia

24.6858, 0.4402, 0.4336



Tritanopia

24.5556, 0.5204, 0.3249

Trichromacy



Original Color

24.5408, 0.5439, 0.3470

Protanomaly

22.9477, 0.4466, 0.3869

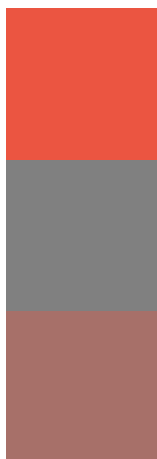
Deuteranomaly

23.6879, 0.4826, 0.3969

Tritanomaly

24.5839, 0.5300, 0.3333

Monochromacy



Original Color

24.5408, 0.5439, 0.3470

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8238, 0.3967, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5408, 0.5439, 0.3470 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, 85, 65)` looks like.

```
.text, #text, p{  
    color:rgb(235, 85, 65)  
}
```

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, 85, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 85, 65) }
```

Border

The CSS property to change the border of an element to Yxy 24.5408, 0.5439, 0.3470 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, 85, 65) }
```

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

```
.border{ border-color:rgb(235, 85, 65) }
```

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

Here you see how a box with a 4 pixel rgb(235, 85, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 85, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 85, 65);  
box-shadow:4px 4px 4px 4px rgb(235, 85,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5408, 0.5439, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 85, 65) }
```

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

```
.background{ background-color: rgb(235, 85,  
65) }
```

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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