

Converting Colors

$Yxy(25.7774, 0.5419, 0.3552)$

Have a look what the booklet for
Yxy(25.7774, 0.5419, 0.3552)
contains.

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Color

Yxy(25.6628, 0.5421, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	EC5B3E
RGB	236, 91, 62
RGB Percent	93%, 36%, 24%
CMY	0.0746, 0.6430, 0.7568
CMYK	0.00, 0.61, 0.74, 0.07
HSL	10°, 82%, 58%
HSV	10°, 74%, 93%
XYZ	39.1992, 25.6628, 7.4479
YIQ	131.0490, 95.7290, 21.7210

Conversions

Conversions Part 2

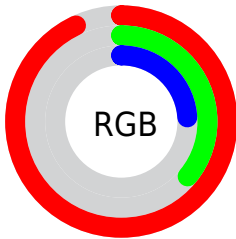
Format	Color
R_{YB}	236, 97, 62
Decimal	15489854
CIE _{Lab}	57.72, 54.44, 45.30
CIE _{LCh}	58, 70.822, 39.767
Yxy	25.6628, 0.5421, 0.3549
Android (android.graphics.Color)	4293679934 (0xFFEC5B3E)
YUV	131.0490, -34.0412, 92.0420
Hunter-Lab	50.6585, 49.4699, 26.7440

Details

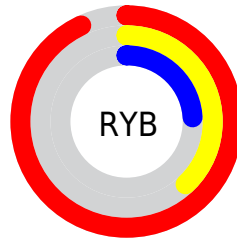
The Yxy color **25.6628, 0.5421, 0.3549** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **51.6974, 0.2211, 0.2898**, and the grayscale version is **22.8175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9655, 0.4616, 0.3647**, and **9.9517, 0.6104, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **22.5250, 0.5816, 0.3520**, and if you desaturate by 10%, it is **29.7967, 0.4990, 0.3549**.

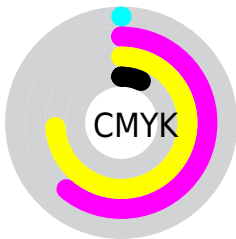
Distribution



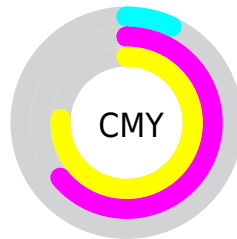
- Red (93%)
- Green (36%)
- Blue (24%)



- Red (93%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (74%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6628, 0.5421, 0.3549 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 25.6628, 0.5421, 0.3549 by changing the saturation by 10% instead.


 25.6628, 0.5421,
0.3549


 25.6628, 0.5421,
0.3549


281.1228, 0.4194,
0.3531


 16.5715, 0.5725,
0.3501


 52.7305, 0.4970,
0.3578


 9.9295, 0.6100,
0.3406


 71.4757, 0.4800,
0.3578


 5.3522, 0.6634,
0.3260

 94.2076, 0.4658,
0.3573

 2.4554, 0.7117,
0.2883

 121.3108, 0.4537,
0.3566

 0.8542, 0.7739,
0.2261

 153.1694, 0.4433,
0.3558

 0.0000, 1.0000,
0.0000

 190.1681, 0.4343,

 0.0000, 0.0000,

0.3549

0.0000

232.6911, 0.4264,
0.3540

■ 25.6628, 0.5421,
0.3549

■ 25.6628, 0.5421,
0.3549

■ 22.5250, 0.5816,
0.3520

■ 29.7967, 0.4990,
0.3549

■ 20.2929, 0.6119,
0.3460


■ 34.9980, 0.4572,
0.3525


■ 19.3035, 0.6253,
0.3417


■ 41.3364, 0.4194,
0.3487


■ 48.8743, 0.3869,
0.3442

■ 57.6697, 0.3597,
0.3395

 67.7766, 0.3372,
0.3349

 79.2459, 0.3187,
0.3305

 92.1258, 0.3035,
0.3265

 96.5700, 0.3011,
0.3290

Harmonies

Analogous

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



25.6628, 0.4881, 0.2831



25.6628, 0.5421, 0.3549



25.6628, 0.5150, 0.4337

Triad

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



25.6628, 0.5421, 0.3549



25.6628, 0.2301, 0.4895



25.6628, 0.1739, 0.1637

Complementary

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



25.6628, 0.5421, 0.3549



51.6974, 0.2211, 0.2898

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.



25.6628, 0.1336, 0.1788



25.6628, 0.5421, 0.3549



25.6628, 0.1569, 0.3473

Square

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



25.6628, 0.5421, 0.3549



25.6628, 0.3324, 0.5548



25.6628, 0.1270, 0.2348



25.6628, 0.2536, 0.1789

Rectangle

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



25.6628, 0.5421, 0.3549



25.6628, 0.4655, 0.4884



25.6628, 0.1270, 0.2348



25.6628, 0.1564, 0.1650

Sweetspot

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



25.6643, 0.5421, 0.3549



70.6138, 0.3557, 0.3387



25.7823, 0.3528, 0.1912



14.4556, 0.3624, 0.3400



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.



25.6643, 0.5421, 0.3549



25.4922, 0.5971, 0.3495



50.0175, 0.4551, 0.4430



15.4597, 0.3289, 0.3330



10.7676, 0.6231, 0.3434



0.9657, 0.5988, 0.3627

Inverse Universe

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



51.6974, 0.2211, 0.2898



57.4359, 0.2132, 0.2810



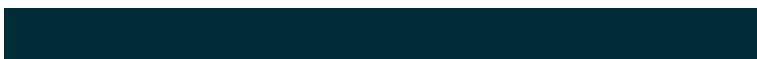
20.5153, 0.1886, 0.1623



16.6695, 0.2981, 0.3250



25.4288, 0.2097, 0.2751



2.1102, 0.2120, 0.2833

Previews

White Background



This preview shows how the Yxy color 25.6628, 0.5421, 0.3549 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 25.6628, 0.5421, 0.3549 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 25.6628, 0.5421, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 25.6628, 0.5421, 0.3549.



This preview shows how white text looks on a background with the Yxy color 25.6628, 0.5421, 0.3549.

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

25.6628, 0.5421, 0.3549

Protanopia

25.7734, 0.3936, 0.4279

Deuteranopia

25.6438, 0.4450, 0.4368



Tritanopia

25.5936, 0.5110, 0.3248

Trichromacy



Original Color

25.6628, 0.5421, 0.3549

Protanomaly

24.4542, 0.4497, 0.3976

Deuteranomaly

24.7439, 0.4850, 0.4022

Tritanomaly

25.5781, 0.5243, 0.3361

Monochromacy



Original Color

25.6628, 0.5421, 0.3549

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.9664, 0.3956, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6628, 0.5421, 0.3549 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(236, 91, 62)` looks like.

```
.text, #text, p{  
    color:rgb(236, 91, 62)  
}
```

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(236, 91, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 91, 62) }
```

Border

The CSS property to change the border of an element to Yxy 25.6628, 0.5421, 0.3549 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(236, 91, 62) }
```

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

```
.border{ border-color:rgb(236, 91, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 91, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 91, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 91, 62);  
box-shadow:4px 4px 4px 4px rgb(236, 91,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6628, 0.5421, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 91, 62) }
```

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

```
.background{ background-color: rgb(236, 91,  
62) }
```

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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