

Converting Colors

$Yxy(22.0745, 0.5478, 0.3364)$

Have a look what the booklet for
Yxy(22.0745, 0.5478, 0.3364)
contains.

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Color

Yxy(22.1258, 0.5477, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	E64A43
RGB	230, 74, 67
RGB Percent	90%, 29%, 26%
CMY	0.0982, 0.7096, 0.7373
CMYK	0.00, 0.68, 0.71, 0.10
HSL	3°, 77%, 58%
HSV	3°, 71%, 90%
XYZ	36.0879, 22.1258, 7.6762
YIQ	119.8460, 95.2230, 30.8950

Conversions

Conversions Part 2

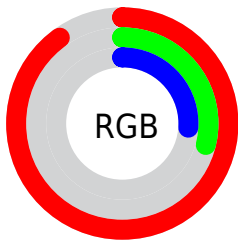
Format	Color
R_{YB}	230, 74, 67
Decimal	15092291
CIE _{Lab}	54.16, 59.64, 38.34
CIE _{LCh}	54, 70.905, 32.737
Yxy	22.1258, 0.5477, 0.3358
Android (android.graphics.Color)	4293282371 (0xFFE64A43)
YUV	119.8460, -26.0531, 96.6051
Hunter-Lab	47.0381, 54.6295, 23.2511

Details

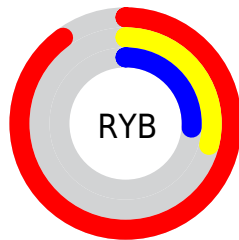
The Yxy color **22.1258, 0.5477, 0.3358** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **59.6302, 0.2301, 0.3194**, and the grayscale version is **18.7980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7536, 0.4668, 0.3445**, and **8.2774, 0.6206, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **19.4601, 0.5905, 0.3350**, and if you desaturate by 10%, it is **25.9305, 0.5006, 0.3358**.

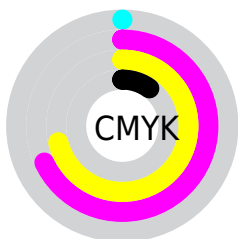
Distribution



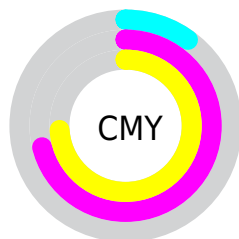
- Red (90%)
- Green (29%)
- Blue (26%)



- Red (90%)
- Yellow (29%)
- Blue (26%)



- Cyan (0%)
- Magenta (68%)
- Yellow (71%)
- Black (10%)





- Cyan (10%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1258, 0.5477, 0.3358 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 22.1258, 0.5477, 0.3358 by changing the saturation by 10% instead.


 22.1258, 0.5477,
0.3358

 22.1258, 0.5477,
0.3358


263.2025, 0.4182,
0.3432

 13.9494, 0.5815,
0.3288


 46.9538, 0.4988,
0.3420

 8.0855, 0.6243,
0.3163


 64.3742, 0.4809,
0.3432

 4.1497, 0.6863,
0.2971

 85.6447, 0.4660,
0.3438

 1.7576, 0.7469,
0.2531

 111.1497, 0.4534,
0.3440

 0.4606, 0.8386,
0.1614

 141.2736, 0.4426,
0.3439

 0.0000, 1.0000,
0.0000

176.4007, 0.4334,

 0.0000, 0.0000,

0.3438

0.0000

216.9156, 0.4253,
0.3435

■ 22.1258, 0.5477,
0.3358

■ 22.1258, 0.5477,
0.3358

■ 19.4601, 0.5905,
0.3350

■ 25.9305, 0.5006,
0.3358

■ 17.8032, 0.6219,
0.3333


■ 30.9781, 0.4553,
0.3351


■ 17.0345, 0.6377,
0.3319


■ 37.3654, 0.4152,
0.3340


■ 45.1783, 0.3816,
0.3328

■ 54.4958, 0.3541,
0.3315

 65.3910, 0.3319,
0.3302

 77.9321, 0.3141,
0.3291

 92.1835, 0.2998,
0.3281

 95.5582, 0.2975,
0.3290

Harmonies

Analogous

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



22.1258, 0.4719, 0.2641



22.1258, 0.5477, 0.3358



22.1258, 0.5355, 0.4149

Triad

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



22.1258, 0.5477, 0.3358



22.1258, 0.2484, 0.5270



22.1258, 0.1554, 0.1582

Complementary

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



22.1258, 0.5477, 0.3358



59.6302, 0.2301, 0.3194

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.



22.1258, 0.1227, 0.1816



22.1258, 0.5477, 0.3358



22.1258, 0.1636, 0.3832

Square

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



22.1258, 0.5477, 0.3358



22.1258, 0.3566, 0.5635



22.1258, 0.1236, 0.2513



22.1258, 0.2272, 0.1671

Rectangle

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



22.1258, 0.5477, 0.3358



22.1258, 0.4900, 0.4723



22.1258, 0.1236, 0.2513



22.1258, 0.1406, 0.1619

Sweetspot

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



22.1271, 0.5477, 0.3358



68.5751, 0.3547, 0.3315



26.2416, 0.3258, 0.1775



13.9387, 0.3618, 0.3319



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.



22.1271, 0.5477, 0.3358



23.4864, 0.6068, 0.3343



40.3048, 0.4697, 0.4190



14.4676, 0.3291, 0.3301



9.6922, 0.6368, 0.3326



0.7518, 0.6278, 0.3397

Inverse Universe

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



59.6302, 0.2301, 0.3194



73.3093, 0.2238, 0.3173



26.5625, 0.2008, 0.2019



16.2236, 0.2982, 0.3279



32.2713, 0.2210, 0.3155



2.4181, 0.2215, 0.3175

Previews

White Background



This preview shows how the Yxy color 22.1258, 0.5477, 0.3358 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 22.1258, 0.5477, 0.3358 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 22.1258, 0.5477, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 22.1258, 0.5477, 0.3358.



This preview shows how white text looks on a background with the Yxy color 22.1258, 0.5477, 0.3358.

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

22.1258, 0.5477, 0.3358

Protanopia

22.3161, 0.3745, 0.4040

Deuteranopia

22.2979, 0.4353, 0.4282



Tritanopia

22.1099, 0.5371, 0.3270

Trichromacy



Original Color

22.1258, 0.5477, 0.3358

Protanomaly

20.6153, 0.4397, 0.3737

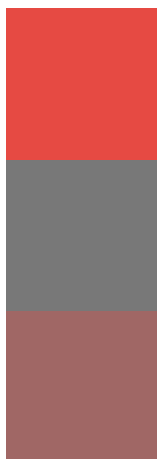
Deuteranomaly

21.0841, 0.4822, 0.3874

Tritanomaly

22.0691, 0.5410, 0.3297

Monochromacy



Original Color

22.1258, 0.5477, 0.3358

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1137, 0.3983, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1258, 0.5477, 0.3358 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(230, 74, 67)` looks like.

```
.text, #text, p{  
    color:rgb(230, 74, 67)  
}
```

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(230, 74, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 74, 67) }
```

Border

The CSS property to change the border of an element to Yxy 22.1258, 0.5477, 0.3358 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(230, 74, 67) }
```

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

```
.border{ border-color:rgb(230, 74, 67) }
```

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

Here you see how a box with a 4 pixel rgb(230, 74, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 74, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 74, 67);  
box-shadow:4px 4px 4px 4px rgb(230, 74,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1258, 0.5477, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 74, 67) }
```

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

```
.background{ background-color: rgb(230, 74,  
67) }
```

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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