

Converting Colors

$Yxy(23.5523, 0.5587, 0.3425)$

Have a look what the booklet for
Yxy(23.5523, 0.5587, 0.3425)
contains.

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Color

Yxy(23.4997, 0.5585, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	ED4C3C
RGB	237, 76, 60
RGB Percent	93%, 30%, 24%
CMY	0.0707, 0.7018, 0.7647
CMYK	0.00, 0.68, 0.75, 0.07
HSL	5°, 83%, 58%
HSV	5°, 75%, 93%
XYZ	38.3199, 23.4997, 6.7926
YIQ	122.3150, 101.0920, 29.1560

Conversions

Conversions Part 2

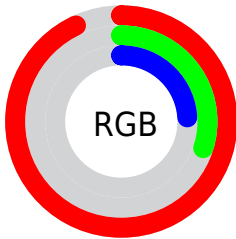
Format	Color
R_{YB}	237, 78, 60
Decimal	15551548
CIE _{Lab}	55.58, 60.82, 44.10
CIE _{LCh}	56, 75.128, 35.943
Yxy	23.4997, 0.5585, 0.3425
Android (android.graphics.Color)	4293741628 (0xFFED4C3C)
YUV	122.3150, -30.7213, 100.5787
Hunter-Lab	48.4765, 56.2678, 25.6257

Details

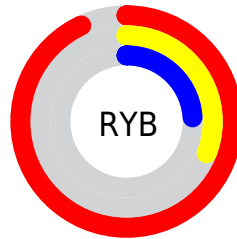
The Yxy color **23.4997, 0.5585, 0.3425** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **58.7612, 0.2252, 0.3078**, and the grayscale version is **19.6535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1392, 0.4729, 0.3533**, and **8.9187, 0.6298, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **20.8137, 0.5980, 0.3402**, and if you desaturate by 10%, it is **27.2949, 0.5132, 0.3430**.

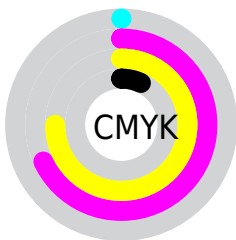
Distribution



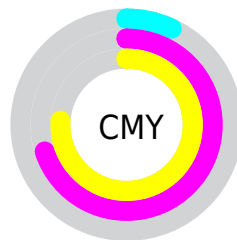
- Red (93%)
- Green (30%)
- Blue (24%)



- Red (93%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (7%)




- Cyan (7%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4997, 0.5585, 0.3425 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 23.4997, 0.5585, 0.3425 by changing the saturation by 10% instead.


 23.4997, 0.5585,
0.3425


 23.4997, 0.5585,
0.3425


270.2813, 0.4256,
0.3483


 14.9629, 0.5918,
0.3353


 49.2125, 0.5093,
0.3486


 8.7934, 0.6328,
0.3223


 67.1574, 0.4909,
0.3496


 4.6066, 0.6954,
0.3045

 89.0070, 0.4755,
0.3500

 2.0184, 0.7422,
0.2578

 115.1459, 0.4624,
0.3500

 0.6181, 0.8175,
0.1825

 145.9584, 0.4512,
0.3497

 0.0000, 1.0000,
0.0000

 181.8288, 0.4415,

 0.0000, 0.0000,

0.3493

0.0000

223.1417, 0.4330,
0.3488

■ 23.4997, 0.5585,
0.3425

■ 23.4997, 0.5585,
0.3425

■ 20.8137, 0.5980,
0.3402

■ 27.2949, 0.5132,
0.3430

■ 19.1128, 0.6252,
0.3363


■ 32.2980, 0.4681,
0.3420


■ 18.5541, 0.6344,
0.3345


■ 38.6014, 0.4273,
0.3401


■ 46.2873, 0.3923,
0.3376

■ 55.4313, 0.3633,
0.3350

 66.1034, 0.3396,
0.3325

 78.3689, 0.3204,
0.3301

 92.2896, 0.3048,
0.3278

 96.7406, 0.3017,
0.3290

Harmonies

Analogous

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



23.4997, 0.4901, 0.2690



23.4997, 0.5585, 0.3425



23.4997, 0.5354, 0.4241

Triad

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



23.4997, 0.5585, 0.3425



23.4997, 0.2341, 0.5236



23.4997, 0.1568, 0.1531

Complementary

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



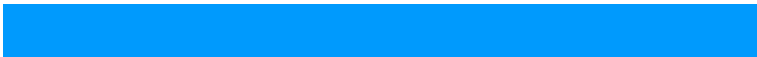
23.4997, 0.5585, 0.3425



58.7612, 0.2252, 0.3078

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.



23.4997, 0.1199, 0.1726



23.4997, 0.5585, 0.3425



23.4997, 0.1520, 0.3674

Square

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



23.4997, 0.5585, 0.3425



23.4997, 0.3438, 0.5746



23.4997, 0.1167, 0.2373



23.4997, 0.2349, 0.1655

Rectangle

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



23.4997, 0.5585, 0.3425



23.4997, 0.4841, 0.4839



23.4997, 0.1167, 0.2373



23.4997, 0.1405, 0.1557

Sweetspot

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



23.5011, 0.5585, 0.3425



68.5553, 0.3567, 0.3344



26.5198, 0.3361, 0.1791



13.9796, 0.3636, 0.3351



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.



23.5011, 0.5585, 0.3425



23.3086, 0.6153, 0.3382



44.6073, 0.4709, 0.4298



15.2733, 0.3291, 0.3312



10.2122, 0.6330, 0.3356



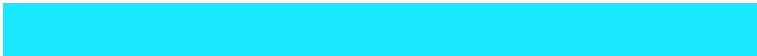
0.8772, 0.6163, 0.3488

Inverse Universe

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



58.7612, 0.2252, 0.3078



66.4019, 0.2187, 0.3029



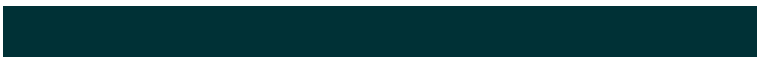
24.0545, 0.1926, 0.1807



16.8750, 0.2981, 0.3268



30.1238, 0.2168, 0.3004



2.4338, 0.2180, 0.3047

Previews

White Background



This preview shows how the Yxy color 23.4997, 0.5585, 0.3425 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 23.4997, 0.5585, 0.3425 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 23.4997, 0.5585, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 23.4997, 0.5585, 0.3425.



This preview shows how white text looks on a background with the Yxy color 23.4997, 0.5585, 0.3425.

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

23.4997, 0.5585, 0.3425

Protanopia

23.7112, 0.3878, 0.4226

Deuteranopia

23.6160, 0.4468, 0.4382



Tritanopia

23.6105, 0.5410, 0.3271

Trichromacy



Original Color

23.4997, 0.5585, 0.3425

Protanomaly

21.8489, 0.4552, 0.3880

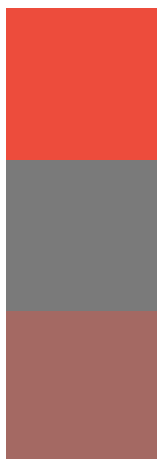
Deuteranomaly

22.1886, 0.4944, 0.3954

Tritanomaly

23.6642, 0.5476, 0.3330

Monochromacy



Original Color

23.4997, 0.5585, 0.3425

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.8965, 0.4055, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4997, 0.5585, 0.3425 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, 76, 60)` looks like.

```
.text, #text, p{  
    color:rgb(237, 76, 60)  
}
```

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, 76, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 76, 60) }
```

Border

The CSS property to change the border of an element to Yxy 23.4997, 0.5585, 0.3425 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, 76, 60) }
```

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

```
.border{ border-color:rgb(237, 76, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 76, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 76, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 76, 60);  
box-shadow:4px 4px 4px 4px rgb(237, 76,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4997, 0.5585, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 76, 60) }
```

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

```
.background{ background-color: rgb(237, 76,  
60) }
```

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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