

Converting Colors

$Yxy(23.1220, 0.5349, 0.3373)$

Have a look what the booklet for
Yxy(23.1220, 0.5349, 0.3373)
contains.

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Color

Yxy(23.1889, 0.5345, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	E65149
RGB	230, 81, 73
RGB Percent	90%, 32%, 29%
CMY	0.0980, 0.6823, 0.7137
CMYK	0.00, 0.65, 0.68, 0.10
HSL	3°, 76%, 59%
HSV	3°, 68%, 90%
XYZ	36.7788, 23.1889, 8.8421
YIQ	124.6390, 91.3720, 29.1000

Conversions

Conversions Part 2

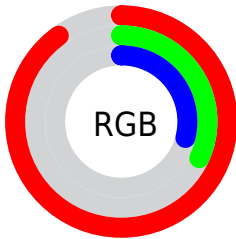
Format	Color
R_{YB}	230, 81, 73
Decimal	15094089
CIE _{Lab}	55.27, 57.17, 36.26
CIE _{LCh}	55, 67.703, 32.388
Yxy	23.1889, 0.5345, 0.3370
Android (android.graphics.Color)	4293284169 (0xFFE65149)
YUV	124.6390, -25.4580, 92.4016
Hunter-Lab	48.1549, 52.0605, 22.8217

Details

The Yxy color **23.1889, 0.5345, 0.3370** 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 **59.3741, 0.2313, 0.3182**, and the grayscale version is **20.4461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5565, 0.4564, 0.3447**, and **8.5872, 0.6084, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **20.1999, 0.5791, 0.3363**, and if you desaturate by 10%, it is **27.3356, 0.4876, 0.3368**.

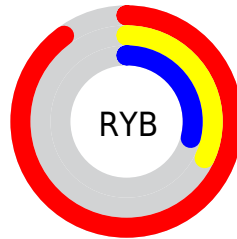
Distribution



Red (90%)

Green (32%)

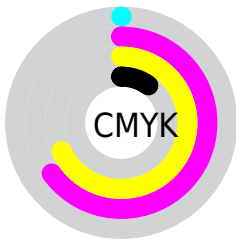
Blue (29%)



Red (90%)

Yellow (32%)

Blue (29%)

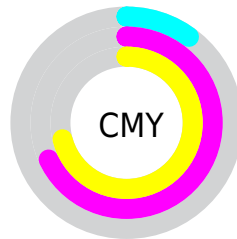


Cyan (0%)

Magenta (65%)

Yellow (68%)

Black (10%)



Cyan (10%)


Magenta (68%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1889, 0.5345, 0.3370 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 23.1889, 0.5345, 0.3370 by changing the saturation by 10% instead.


 23.1889, 0.5345,
0.3370


 23.1889, 0.5345,
0.3370


268.6937, 0.4125,
0.3424


 14.7331, 0.5667,
0.3312


 48.7033, 0.4883,
0.3420

 8.6323, 0.6078,
0.3206


 66.5307, 0.4714,
0.3429


 4.5021, 0.6633,
0.3024

 88.2507, 0.4574,
0.3433

 1.9582, 0.7330,
0.2670

 114.2477, 0.4456,
0.3433

 0.5830, 0.8113,
0.1887

 144.9061, 0.4354,
0.3432

 0.0000, 1.0000,
0.0000


180.6103, 0.4267,


 0.0000, 0.0000,


0.3430


0.0000


221.7447, 0.4192,
0.3427


 23.1889, 0.5345,
0.3370


 23.1889, 0.5345,
0.3370


 20.1999, 0.5791,
0.3363


 27.3356, 0.4876,
0.3368


 18.2474, 0.6142,
0.3345

 32.7375, 0.4437,
0.3358


 17.1886, 0.6348,
0.3323


 39.4862, 0.4055,
0.3345


 17.0794, 0.6373,
0.3322

 47.6637, 0.3737,
0.3330

 57.3456, 0.3478,
0.3315

 68.6021, 0.3269,
0.3301

 81.4989, 0.3100,
0.3288

 95.5632, 0.2976,
0.3290

Harmonies

Analogous

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



23.1889, 0.4614, 0.2672



23.1889, 0.5345, 0.3370



23.1889, 0.5262, 0.4135

Triad

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



23.1889, 0.5345, 0.3370



23.1889, 0.2547, 0.5142



23.1889, 0.1619, 0.1657

Complementary

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



23.1889, 0.5345, 0.3370



59.3741, 0.2313, 0.3182

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.



23.1889, 0.1304, 0.1895



23.1889, 0.5345, 0.3370



23.1889, 0.1723, 0.3822

Square

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



23.1889, 0.5345, 0.3370



23.1889, 0.3586, 0.5499



23.1889, 0.1321, 0.2579



23.1889, 0.2309, 0.1738

Rectangle

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



23.1889, 0.5345, 0.3370



23.1889, 0.4847, 0.4677



23.1889, 0.1321, 0.2579



23.1889, 0.1475, 0.1697

Sweetspot

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



23.1902, 0.5345, 0.3370



70.0509, 0.3522, 0.3318



26.8715, 0.3281, 0.1829



14.2332, 0.3592, 0.3322



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.



23.1902, 0.5345, 0.3370



24.3387, 0.5954, 0.3357



42.2227, 0.4605, 0.4200



14.4851, 0.3291, 0.3303



9.7217, 0.6362, 0.3330



0.7602, 0.6257, 0.3414

Inverse Universe

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



59.3741, 0.2313, 0.3182



72.7087, 0.2242, 0.3158



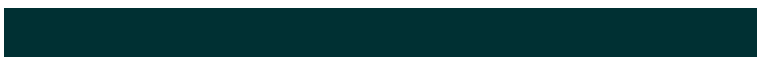
26.9722, 0.2033, 0.2035



16.2039, 0.2982, 0.3277



31.7616, 0.2203, 0.3131



2.3859, 0.2210, 0.3155

Previews

White Background



This preview shows how the Yxy color 23.1889, 0.5345, 0.3370 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 23.1889, 0.5345, 0.3370 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 23.1889, 0.5345, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 23.1889, 0.5345, 0.3370.



This preview shows how white text looks on a background with the Yxy color 23.1889, 0.5345, 0.3370.

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

23.1889, 0.5345, 0.3370

Protanopia

23.3874, 0.3698, 0.3996

Deuteranopia

23.1959, 0.4302, 0.4206



Tritanopia

23.0551, 0.5218, 0.3249

Trichromacy



Original Color

23.1889, 0.5345, 0.3370

Protanomaly

21.8045, 0.4323, 0.3720

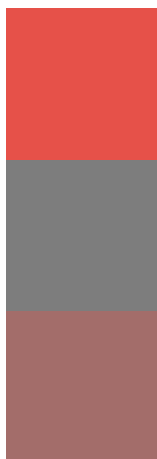
Deuteranomaly

22.2606, 0.4722, 0.3842

Tritanomaly

23.1395, 0.5264, 0.3296

Monochromacy



Original Color

23.1889, 0.5345, 0.3370

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7644, 0.3917, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1889, 0.5345, 0.3370 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, 81, 73)` looks like.

```
.text, #text, p{  
    color:rgb(230, 81, 73)  
}
```

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, 81, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 81, 73) }
```

Border

The CSS property to change the border of an element to Yxy 23.1889, 0.5345, 0.3370 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, 81, 73) }
```

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

```
.border{ border-color:rgb(230, 81, 73) }
```

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

Here you see how a box with a 4 pixel rgb(230, 81, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 81, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 81, 73);  
box-shadow:4px 4px 4px 4px rgb(230, 81,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1889, 0.5345, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 81, 73) }
```

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

```
.background{ background-color: rgb(230, 81,  
73) }
```

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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