

Converting Colors

$Y_{xy}(22.9854, 0.5236, 0.3435)$

Have a look what the booklet for
Yxy(22.9854, 0.5236, 0.3435)
contains.

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Color

Yxy(22.9854, 0.5236, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	DF5749
RGB	223, 87, 73
RGB Percent	87%, 34%, 29%
CMY	0.1256, 0.6587, 0.7137
CMYK	0.00, 0.61, 0.67, 0.13
HSL	6°, 70%, 58%
HSV	6°, 67%, 87%
XYZ	35.0368, 22.9854, 8.8930
YIQ	126.0680, 85.5500, 24.4780

Conversions

Conversions Part 2

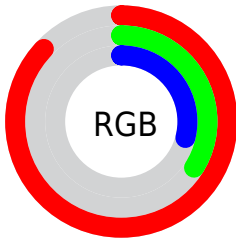
Format	Color
R_{YB}	223, 88, 73
Decimal	14636873
CIE Lab	55.06, 52.23, 35.74
CIE LCh	55, 63.284, 34.383
Yxy	22.9854, 0.5236, 0.3435
Android (android.graphics.Color)	4292826953 (0xFFDF5749)
YUV	126.0680, -26.1625, 85.0094
Hunter-Lab	47.9431, 46.5475, 22.5624

Details

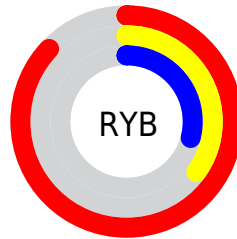
The Yxy color **22.9854, 0.5236, 0.3435** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **52.3163, 0.2299, 0.3095**, and the grayscale version is **20.9608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0111, 0.4532, 0.3498**, and **8.5396, 0.5943, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **19.9135, 0.5679, 0.3426**, and if you desaturate by 10%, it is **27.0819, 0.4783, 0.3428**.

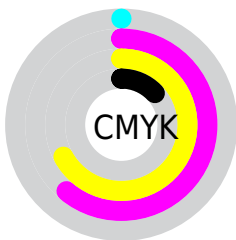
Distribution



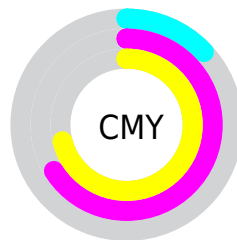
- Red (87%)
- Green (34%)
- Blue (29%)



- Red (87%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9854, 0.5236, 0.3435 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 22.9854, 0.5236, 0.3435 by changing the saturation by 10% instead.


 22.9854, 0.5236,
0.3435


 22.9854, 0.5236,
0.3435


267.6500, 0.4072,
0.3446


 14.5827, 0.5546,
0.3390


 48.3694, 0.4794,
0.3467

 8.5271, 0.5945,
0.3302


 66.1194, 0.4632,
0.3470


 4.4340, 0.6488,
0.3142

 87.7541, 0.4498,
0.3469

 1.9192, 0.7186,
0.2814

 113.6577, 0.4386,
0.3466

 0.5599, 0.7988,
0.2012

 144.2147, 0.4290,
0.3462

 0.0000, 1.0000,
0.0000


179.8095, 0.4207,

 0.0000, 0.0000,


0.3457


0.0000

220.8265, 0.4135,
0.3451


 22.9854, 0.5236,
0.3435


 22.9854, 0.5236,
0.3435

 19.9135, 0.5679,
0.3426


 27.0819, 0.4783,
0.3428


 17.7718, 0.6050,
0.3398


 32.2789, 0.4365,
0.3410


 16.4541, 0.6291,
0.3357


 38.6495, 0.4002,
0.3386


 16.2155, 0.6339,
0.3349

 46.2595, 0.3699,
0.3359

 55.1696, 0.3451,
0.3332

 65.4368, 0.3249,
0.3307

 77.1145, 0.3086,
0.3284

 90.2533, 0.2953,
0.3263

 94.4242, 0.2934,
0.3289

Harmonies

Analogous

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



22.9854, 0.4590, 0.2753



22.9854, 0.5236, 0.3435



22.9854, 0.5131, 0.4176

Triad

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



22.9854, 0.5236, 0.3435



22.9854, 0.2532, 0.4945



22.9854, 0.1723, 0.1729

Complementary

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



22.9854, 0.5236, 0.3435



52.3163, 0.2299, 0.3095

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.



22.9854, 0.1395, 0.1943



22.9854, 0.5236, 0.3435



22.9854, 0.1763, 0.3706

Square

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



22.9854, 0.5236, 0.3435



22.9854, 0.3521, 0.5374



22.9854, 0.1395, 0.2571



22.9854, 0.2414, 0.1824

Rectangle

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



22.9854, 0.5236, 0.3435



22.9854, 0.4729, 0.4686



22.9854, 0.1395, 0.2571



22.9854, 0.1576, 0.1763

Sweetspot

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



22.9867, 0.5236, 0.3435



71.1086, 0.3517, 0.3340



25.1262, 0.3335, 0.1883



14.4807, 0.3587, 0.3348



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.



22.9867, 0.5236, 0.3435



25.5842, 0.5853, 0.3416



41.4756, 0.4531, 0.4244



13.9057, 0.3290, 0.3313



9.6087, 0.6325, 0.3360



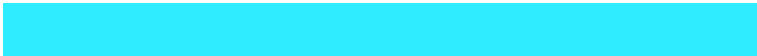
0.7378, 0.6135, 0.3510

Inverse Universe

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



52.3163, 0.2299, 0.3095



67.6632, 0.2217, 0.3049



24.2078, 0.2030, 0.1982



15.3416, 0.2982, 0.3267



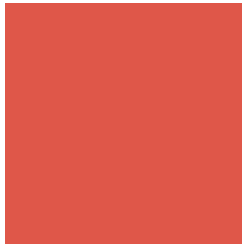
28.0970, 0.2165, 0.2995



2.0123, 0.2179, 0.3044

Previews

White Background



This preview shows how the Yxy color 22.9854, 0.5236, 0.3435 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 22.9854, 0.5236, 0.3435 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 22.9854, 0.5236, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 22.9854, 0.5236, 0.3435.



This preview shows how white text looks on a background with the Yxy color 22.9854, 0.5236, 0.3435.

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

22.9854, 0.5236, 0.3435

Protanopia

23.0804, 0.3726, 0.4014

Deuteranopia

23.1016, 0.4280, 0.4199



Tritanopia

23.0825, 0.5036, 0.3244

Trichromacy



Original Color

22.9854, 0.5236, 0.3435

Protanomaly

21.9015, 0.4281, 0.3772

Deuteranomaly

22.3323, 0.4655, 0.3868

Tritanomaly

23.1430, 0.5111, 0.3316

Monochromacy



Original Color

22.9854, 0.5236, 0.3435

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.2269, 0.3860, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9854, 0.5236, 0.3435 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(223, 87, 73)` looks like.

```
.text, #text, p{  
    color:rgb(223, 87, 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(223, 87, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 87, 73) }
```

Border

The CSS property to change the border of an element to Yxy 22.9854, 0.5236, 0.3435 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(223, 87, 73) }
```

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

```
.border{ border-color:rgb(223, 87, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 87, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 87, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 87, 73);  
box-shadow:4px 4px 4px 4px rgb(223, 87,  
73) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.9854, 0.5236, 0.3435$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 87, 73) }
```

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

```
.background{ background-color: rgb(223, 87,  
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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