

Converting Colors

$Yxy(22.5349, 0.5330, 0.3464)$

Have a look what the booklet for
Yxy(22.5349, 0.5330, 0.3464)
contains.

Yxy(22.5902, 0.5327, 0.3469)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.5902, 0.5327, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	DF5543
RGB	223, 85, 67
RGB Percent	87%, 33%, 26%
CMY	0.1255, 0.6666, 0.7373
CMYK	0.00, 0.62, 0.70, 0.13
HSL	7°, 71%, 57%
HSV	7°, 70%, 87%
XYZ	34.6895, 22.5902, 7.8405
YIQ	124.2100, 88.0260, 23.6580

Conversions

Conversions Part 2

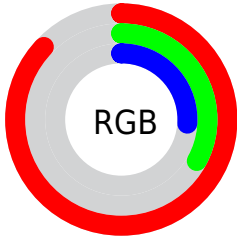
Format	Color
R_{YB}	223, 87, 67
Decimal	14636355
CIE Lab	54.65, 52.80, 38.60
CIE LCh	55, 65.408, 36.167
Yxy	22.5902, 0.5327, 0.3469
Android (android.graphics.Color)	4292826435 (0xFFDF5543)
YUV	124.2100, -28.2045, 86.6388
Hunter-Lab	47.5291, 47.1037, 23.4898

Details

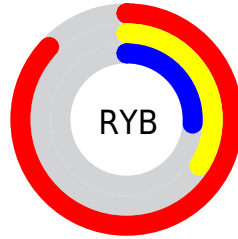
The Yxy color **22.5902, 0.5327, 0.3469** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **50.1593, 0.2268, 0.3038**, and the grayscale version is **20.3061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2771, 0.4607, 0.3537**, and **8.3303, 0.6055, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **19.6882, 0.5753, 0.3453**, and if you desaturate by 10%, it is **26.4629, 0.4879, 0.3464**.

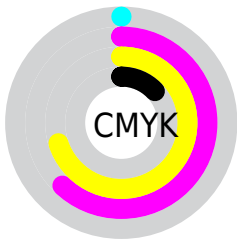
Distribution



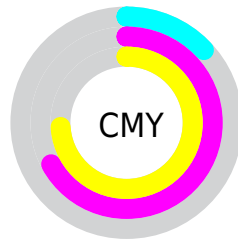
- Red (87%)
- Green (33%)
- Blue (26%)



- Red (87%)
- Yellow (34%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (70%)
- Black (13%)




- Cyan (13%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5902, 0.5327, 0.3469 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 22.5902, 0.5327, 0.3469 by changing the saturation by 10% instead.


 22.5902, 0.5327,
0.3469


 22.5902, 0.5327,
0.3469


265.6131, 0.4116,
0.3473

 14.2912, 0.5645,
0.3420


 47.7196, 0.4869,
0.3502

 8.3235, 0.6049,
0.3323


 65.3187, 0.4701,
0.3505


 4.3026, 0.6633,
0.3166

 86.7867, 0.4562,
0.3503

 1.8442, 0.7227,
0.2773

 112.5079, 0.4444,
0.3498

 0.5145, 0.8082,
0.1918

 142.8668, 0.4344,
0.3493

 0.0000, 1.0000,
0.0000

178.2477, 0.4257,

 0.0000, 0.0000,

0.3486

0.0000

219.0350, 0.4182,
0.3480

■ 22.5902, 0.5327,
0.3469

■ 22.5902, 0.5327,
0.3469

■ 19.6882, 0.5753,
0.3453

■ 26.4629, 0.4879,
0.3464

■ 17.6666, 0.6096,
0.3415

■ 31.3785, 0.4456,
0.3444

■ 16.4185, 0.6315,
0.3367

■ 37.4065, 0.4084,
0.3416


■ 16.4146, 0.6316,
0.3367

■ 44.6097, 0.3770,
0.3384

■ 53.0457, 0.3511,
0.3351

 62.7688, 0.3299,
0.3319

 73.8297, 0.3127,
0.3290

 86.2766, 0.2986,
0.3263

 94.4256, 0.2935,
0.3289

Harmonies

Analogous

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



22.5902, 0.4706, 0.2770



22.5902, 0.5327, 0.3469



22.5902, 0.5162, 0.4231

Triad

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



22.5902, 0.5327, 0.3469



22.5902, 0.2446, 0.4961



22.5902, 0.1711, 0.1681

Complementary

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



22.5902, 0.5327, 0.3469



50.1593, 0.2268, 0.3038

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.



22.5902, 0.1357, 0.1875



22.5902, 0.5327, 0.3469



22.5902, 0.1681, 0.3635

Square

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



22.5902, 0.5327, 0.3469



22.5902, 0.3457, 0.5462



22.5902, 0.1334, 0.2485



22.5902, 0.2442, 0.1796

Rectangle

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



22.5902, 0.5327, 0.3469



22.5902, 0.4722, 0.4760



22.5902, 0.1334, 0.2485



22.5902, 0.1555, 0.1708

Sweetspot

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



22.5915, 0.5327, 0.3469



70.4349, 0.3539, 0.3355



24.2226, 0.3375, 0.1869



14.3707, 0.3608, 0.3364



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.



22.5915, 0.5327, 0.3469



25.2642, 0.5928, 0.3438



41.4364, 0.4570, 0.4293



13.9544, 0.3289, 0.3318



9.7367, 0.6300, 0.3380



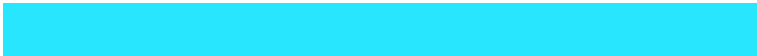
0.7610, 0.6079, 0.3555

Inverse Universe

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



50.1593, 0.2268, 0.3038



64.4133, 0.2188, 0.2978



22.3228, 0.1982, 0.1880



15.2876, 0.2982, 0.3262



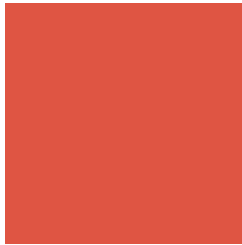
26.7787, 0.2145, 0.2923



1.9339, 0.2162, 0.2985

Previews

White Background



This preview shows how the Yxy color 22.5902, 0.5327, 0.3469 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 22.5902, 0.5327, 0.3469 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 22.5902, 0.5327, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 22.5902, 0.5327, 0.3469.



This preview shows how white text looks on a background with the Yxy color 22.5902, 0.5327, 0.3469.

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

22.5902, 0.5327, 0.3469

Protanopia

22.6968, 0.3808, 0.4115

Deuteranopia

22.6644, 0.4345, 0.4277



Tritanopia

22.5700, 0.5101, 0.3245

Trichromacy



Original Color

22.5902, 0.5327, 0.3469

Protanomaly

21.3411, 0.4386, 0.3841

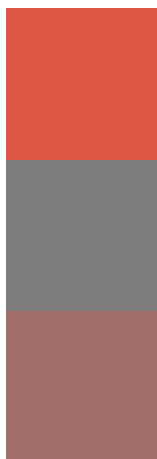
Deuteranomaly

21.6900, 0.4743, 0.3925

Tritanomaly

22.6130, 0.5189, 0.3326

Monochromacy



Original Color

22.5902, 0.5327, 0.3469

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6047, 0.3913, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5902, 0.5327, 0.3469 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, 85, 67)` looks like.

```
.text, #text, p{  
  color:rgb(223, 85, 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(223, 85, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 85, 67) }
```

Border

The CSS property to change the border of an element to Yxy 22.5902, 0.5327, 0.3469 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, 85, 67) }
```

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

```
.border{ border-color:rgb(223, 85, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 85, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 85, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 85, 67);  
box-shadow:4px 4px 4px 4px rgb(223, 85,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5902, 0.5327, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 85, 67) }
```

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

```
.background{ background-color: rgb(223, 85,  
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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