

Converting Colors

$Yxy(22.3393, 0.5569, 0.3943)$

Have a look what the booklet for
Yxy(22.3393, 0.5569, 0.3943)
contains.

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Color

Yxy(22.3393, 0.5569, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	D55F04
RGB	213, 95, 4
RGB Percent	84%, 37%, 2%
CMY	0.1648, 0.6274, 0.9842
CMYK	0.00, 0.55, 0.98, 0.16
HSL	26°, 96%, 43%
HSV	26°, 98%, 84%
XYZ	31.5515, 22.3393, 2.7648
YIQ	119.9080, 99.5390, -3.2850

Conversions

Conversions Part 2

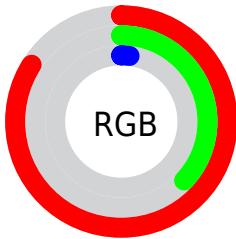
Format	Color
RYB	213, 165, 4
Decimal	13983492
CIELab	54.39, 42.82, 62.57
CIElCh	54, 75.818, 55.615
Yxy	22.3393, 0.5569, 0.3943
Android (android.graphics.Color)	4292173572 (0xFFD55F04)
YUV	119.9080, -57.1426, 81.6417
Hunter-Lab	47.2645, 36.4452, 29.6169

Details

The Yxy color **22.3393, 0.5569, 0.3943** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **18.7490, 0.1841, 0.1815**, and the grayscale version is **18.9173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8332, 0.4969, 0.4030**, and **8.2118, 0.5966, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **21.9268, 0.5611, 0.3927**, and if you desaturate by 10%, it is **24.7400, 0.5337, 0.4016**.

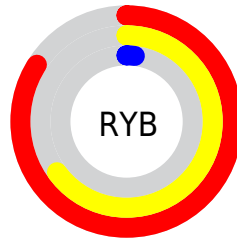
Distribution



Red (84%)

Green (37%)

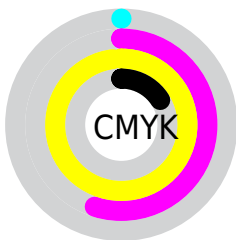
Blue (2%)



Red (84%)

Yellow (65%)

Blue (2%)

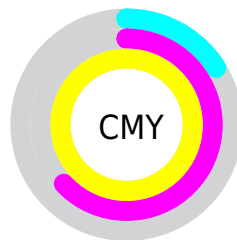


Cyan (0%)

Magenta (55%)

Yellow (98%)

Black (16%)



Cyan (16%)


Magenta (63%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3393, 0.5569, 0.3943 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 22.3393, 0.5569, 0.3943 by changing the saturation by 10% instead.


 22.3393, 0.5569,
0.3943


 22.3393, 0.5569,
0.3943

264.3131, 0.4307,
0.3784


 14.1064, 0.5840,
0.3891


 47.3061, 0.5131,
0.3948


 8.1947, 0.6199,
0.3801


 64.8089, 0.4957,
0.3929

 4.2198, 0.6477,
0.3523

 86.1704, 0.4808,
0.3906


 1.7973, 0.6895,
0.3105

 111.7751, 0.4679,
0.3881

 0.4855, 0.7776,
0.2224

 142.0073, 0.4567,
0.3855


 0.0000, 1.0000,
0.0000


 177.2514, 0.4469,


 0.0000, 0.0000,


0.3830

0.0000


 217.8919, 0.4383,
0.3807

 22.3393, 0.5569,
0.3943

 22.3393, 0.5569,
0.3943


 21.9268, 0.5611,
0.3927

 24.7400, 0.5337,
0.4016

 27.5560, 0.5062,
0.4037

 30.8179, 0.4760,
0.4007

 34.5491, 0.4455,
0.3937

 38.7710, 0.4162,
0.3840

■ 43.5034, 0.3893,
0.3727

■ 48.7645, 0.3653,
0.3609

■ 54.5718, 0.3441,
0.3491

■ 60.9418, 0.3258,
0.3377

Harmonies

Analogous

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



22.3393, 0.5513, 0.3152



22.3393, 0.5569, 0.3943



22.3393, 0.4873, 0.4844

Triad

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



22.3393, 0.5569, 0.3943



22.3393, 0.1717, 0.4269



22.3393, 0.2004, 0.1550

Complementary

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



22.3393, 0.5569, 0.3943



18.7490, 0.1841, 0.1815

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.



22.3393, 0.1369, 0.1526



22.3393, 0.5569, 0.3943



22.3393, 0.1203, 0.2723

Square

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



22.3393, 0.5569, 0.3943



22.3393, 0.2685, 0.5648



22.3393, 0.1117, 0.1854



22.3393, 0.3110, 0.1864

Rectangle

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



22.3393, 0.5569, 0.3943



22.3393, 0.4192, 0.5435



22.3393, 0.1117, 0.1854



22.3393, 0.1743, 0.1508

Sweetspot

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



22.3406, 0.5569, 0.3943



72.3127, 0.3680, 0.3623



15.6475, 0.4657, 0.2349



14.7361, 0.3781, 0.3674



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.



22.3406, 0.5569, 0.3943



32.6365, 0.5628, 0.3914



55.0243, 0.4310, 0.4951



13.3015, 0.3280, 0.3392



13.5913, 0.5586, 0.3947



0.9827, 0.5287, 0.4184

Inverse Universe

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



18.7490, 0.1841, 0.1815



27.1559, 0.1825, 0.1769



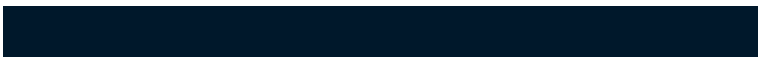
5.2609, 0.1518, 0.0651



13.1604, 0.2982, 0.3186



11.3839, 0.1835, 0.1807



0.8500, 0.1913, 0.2088

Previews

White Background



This preview shows how the Yxy color 22.3393, 0.5569, 0.3943 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 22.3393, 0.5569, 0.3943 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 22.3393, 0.5569, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 22.3393, 0.5569, 0.3943.



This preview shows how white text looks on a background with the Yxy color 22.3393, 0.5569, 0.3943.

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

22.3393, 0.5569, 0.3943

Protanopia

22.4862, 0.4342, 0.4816

Deuteranopia

22.4146, 0.4708, 0.4644



Tritanopia

22.2347, 0.4868, 0.3228

Trichromacy



Original Color

22.3393, 0.5569, 0.3943

Protanomaly

21.6465, 0.4829, 0.4476

Deuteranomaly

21.7575, 0.5055, 0.4364

Tritanomaly

22.1152, 0.5262, 0.3601

Monochromacy



Original Color

22.3393, 0.5569, 0.3943

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.7890, 0.4166, 0.3840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3393, 0.5569, 0.3943 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(213, 95, 4)` looks like.

```
.text, #text, p{  
    color:rgb(213, 95, 4)  
}
```

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(213, 95, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 95, 4) }
```

Border

The CSS property to change the border of an element to Yxy 22.3393, 0.5569, 0.3943 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(213, 95, 4) }
```

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

```
.border{ border-color:rgb(213, 95, 4) }
```

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

Here you see how a box with a 4 pixel rgb(213, 95, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 95, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 95, 4);  
box-shadow:4px 4px 4px 4px rgb(213, 95, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 22.3393, 0.5569, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 95, 4) }
```

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

```
.background{ background-color: rgb(213, 95,  
4) }
```

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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