

Converting Colors

$Yxy(21.0462, 0.5895, 0.3699)$

Have a look what the booklet for
Yxy(21.0462, 0.5895, 0.3699)
contains.

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Color

Yxy(21.0419, 0.5897, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	E14B01
RGB	225, 75, 1
RGB Percent	88%, 29%, 0%
CMY	0.1176, 0.7058, 0.9966
CMYK	0.00, 0.67, 1.00, 0.12
HSL	20°, 99%, 44%
HSV	20°, 100%, 88%
XYZ	33.5725, 21.0419, 2.3171
YIQ	111.4140, 113.1540, 8.7860

Conversions

Conversions Part 2

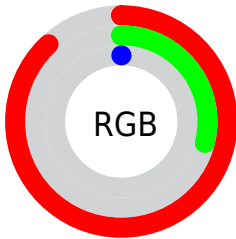
Format	Color
RYB	225, 112, 1
Decimal	14764801
CIELab	53.00, 56.05, 63.53
CIELCh	53, 84.723, 48.582
Yxy	21.0419, 0.5897, 0.3696
Android (android.graphics.Color)	4292954881 (0xFFE14B01)
YUV	111.4140, -54.4341, 99.6149
Hunter-Lab	45.8715, 50.3661, 29.1151

Details

The Yxy color **21.0419, 0.5897, 0.3696** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **27.5321, 0.1934, 0.2161**, and the grayscale version is **16.1576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5731, 0.5173, 0.3880**, and **7.6205, 0.6390, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **20.9619, 0.5906, 0.3692**, and if you desaturate by 10%, it is **23.3949, 0.5645, 0.3787**.

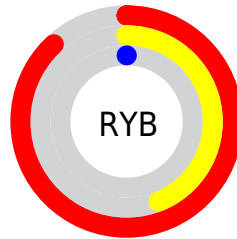
Distribution



Red (88%)

Green (29%)

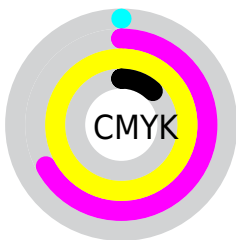
Blue (0%)



Red (88%)

Yellow (44%)

Blue (0%)

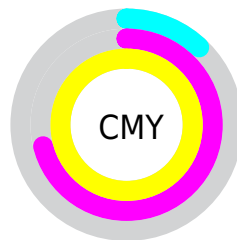


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0419, 0.5897, 0.3696 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 21.0419, 0.5897, 0.3696 by changing the saturation by 10% instead.


 21.0419, 0.5897,
0.3696


 21.0419, 0.5897,
0.3696


257.5011, 0.4462,
0.3708


 13.1546, 0.6206,
0.3592


 45.1573, 0.5400,
0.3774

 7.5351, 0.6582,
0.3418


 62.1541, 0.5202,
0.3780

 3.7989, 0.6926,
0.3074

 82.9563, 0.5032,
0.3776

 1.5617, 0.7428,
0.2572

 107.9483, 0.4885,
0.3766

 0.3316, 0.8575,
0.1425

 137.5143, 0.4758,
0.3753

 0.0000, 1.0000,
0.0000


 172.0389, 0.4646,


 0.0000, 0.0000,


0.3738


0.0000


 211.9063, 0.4548,
0.3723


 21.0419, 0.5897,
0.3696


 21.0419, 0.5897,
0.3696


 20.9619, 0.5906,
0.3692

 23.3949, 0.5645,
0.3787

 26.3328, 0.5331,
0.3835

 29.9068, 0.4980,
0.3834

 34.1562, 0.4623,
0.3793

 39.1166, 0.4285,
0.3724

■ 44.8208, 0.3980,
0.3640

■ 51.2993, 0.3712,
0.3549

■ 58.5808, 0.3482,
0.3458

■ 66.6925, 0.3287,
0.3370

Harmonies

Analogous

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



21.0419, 0.5644, 0.2898



21.0419, 0.5897, 0.3696



21.0419, 0.5216, 0.4655

Triad

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



21.0419, 0.5897, 0.3696



21.0419, 0.1739, 0.4888



21.0419, 0.1678, 0.1360

Complementary

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



21.0419, 0.5897, 0.3696



27.5321, 0.1934, 0.2161

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.



21.0419, 0.1120, 0.1402



21.0419, 0.5897, 0.3696



21.0419, 0.1094, 0.2958

Square

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



21.0419, 0.5897, 0.3696



21.0419, 0.2847, 0.6161



21.0419, 0.0934, 0.1839



21.0419, 0.2756, 0.1622

Rectangle

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



21.0419, 0.5897, 0.3696



21.0419, 0.4487, 0.5378



21.0419, 0.0934, 0.1839



21.0419, 0.1442, 0.1339

Sweetspot

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



21.0431, 0.5897, 0.3696



67.5872, 0.3727, 0.3554



18.3606, 0.4220, 0.2100



13.6629, 0.3837, 0.3593



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.



21.0431, 0.5897, 0.3696



27.6547, 0.5918, 0.3683



50.2534, 0.4562, 0.4758



14.4374, 0.3284, 0.3368



12.2706, 0.5878, 0.3715



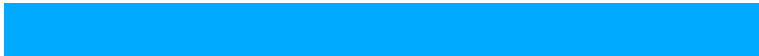
1.0107, 0.5577, 0.3953

Inverse Universe

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



27.5321, 0.1934, 0.2161



36.2148, 0.1930, 0.2147



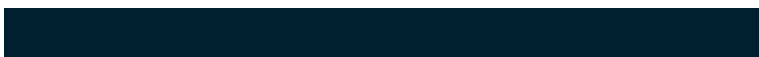
7.0955, 0.1545, 0.0760



14.7684, 0.2982, 0.3211



16.0308, 0.1938, 0.2175



1.2731, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 21.0419, 0.5897, 0.3696 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 21.0419, 0.5897, 0.3696 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 21.0419, 0.5897, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 21.0419, 0.5897, 0.3696.



This preview shows how white text looks on a background with the Yxy color 21.0419, 0.5897, 0.3696.

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

21.0419, 0.5897, 0.3696

Protanopia

21.0843, 0.4328, 0.4782

Deuteranopia

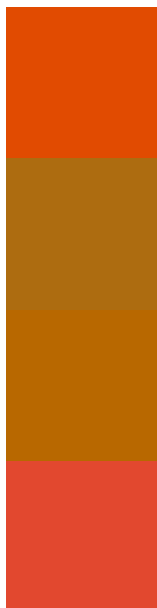
21.1483, 0.4695, 0.4654



Tritanopia

21.0301, 0.5404, 0.3270

Trichromacy



Original Color

21.0419, 0.5897, 0.3696

Protanomaly

19.6468, 0.4995, 0.4325

Deuteranomaly

20.0910, 0.5216, 0.4240

Tritanomaly

21.0087, 0.5685, 0.3493

Monochromacy



Original Color

21.0419, 0.5897, 0.3696

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8657, 0.4355, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0419, 0.5897, 0.3696 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(225, 75, 1)` looks like.

```
.text, #text, p{  
    color:rgb(225, 75, 1)  
}
```

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(225, 75, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 75, 1) }
```

Border

The CSS property to change the border of an element to Yxy 21.0419, 0.5897, 0.3696 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(225, 75, 1) }
```

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

```
.border{ border-color:rgb(225, 75, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 75, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 75, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 75, 1);  
box-shadow:4px 4px 4px 4px rgb(225, 75, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 21.0419, 0.5897, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 75, 1) }
```

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

```
.background{ background-color: rgb(225, 75,  
1) }
```

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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