

Converting Colors

$Yxy(21.6856, 0.6074, 0.3482)$

Have a look what the booklet for
Yxy(21.6856, 0.6074, 0.3482)
contains.

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Color

Yxy(21.6707, 0.6077, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	F13912
RGB	241, 57, 18
RGB Percent	95%, 22%, 7%
CMY	0.0550, 0.7763, 0.9296
CMYK	0.00, 0.76, 0.93, 0.05
HSL	11°, 89%, 51%
HSV	11°, 93%, 95%
XYZ	37.8428, 21.6707, 2.7587
YIQ	107.5700, 122.1830, 26.8790

Conversions

Conversions Part 2

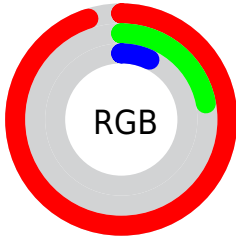
Format	Color
R_{YB}	241, 65, 18
Decimal	15808786
CIE _{Lab}	53.68, 67.51, 61.39
CIE _{LCh}	54, 91.246, 42.283
Yxy	21.6707, 0.6077, 0.3480
Android (android.graphics.Color)	4293998866 (0xFFFF13912)
YUV	107.5700, -44.1580, 117.0181
Hunter-Lab	46.5518, 63.6401, 29.0727

Details

The Yxy color **21.6707, 0.6077, 0.3480** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **48.6654, 0.2108, 0.2757**, and the grayscale version is **14.9751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6591, 0.5228, 0.3711**, and **9.1140, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **20.3704, 0.6241, 0.3426**, and if you desaturate by 10%, it is **24.1620, 0.5761, 0.3538**.

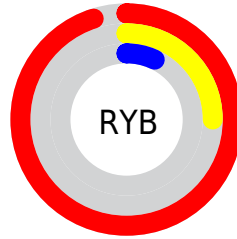
Distribution



Red (95%)

Green (22%)

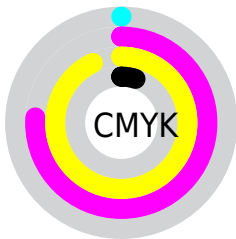
Blue (7%)



Red (95%)

Yellow (25%)

Blue (7%)

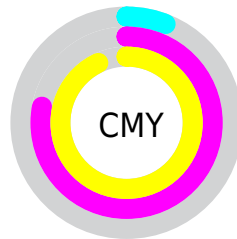


Cyan (0%)

Magenta (76%)

Yellow (93%)

Black (5%)



Cyan (6%)


Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6707, 0.6077, 0.3480 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 21.6707, 0.6077, 0.3480 by changing the saturation by 10% instead.


 21.6707, 0.6077,
0.3480


 21.6707, 0.6077,
0.3480


260.8217, 0.4544,
0.3611


 13.6151, 0.6409,
0.3351


 46.2011, 0.5543,
0.3598


 7.8535, 0.6838,
0.3162


 63.4448, 0.5332,
0.3621


 4.0013, 0.7206,
0.2794

 84.5199, 0.5151,
0.3631

 1.6743, 0.7722,
0.2278

 109.8109, 0.4995,
0.3634

 0.4069, 0.8685,
0.1315

 139.7022, 0.4859,
0.3631


 0.0000, 1.0000,
0.0000

 174.5782, 0.4741,

 0.0000, 0.0000,

0.3626


0.0000

 214.8232, 0.4637,
0.3619

 21.6707, 0.6077,
0.3480


 21.6707, 0.6077,
0.3480

 20.3704, 0.6241,
0.3426

 24.1620, 0.5761,
0.3538

 27.6045, 0.5361,
0.3565

 32.0860, 0.4932,
0.3561

 37.6826, 0.4520,
0.3533

 44.4632, 0.4151,
0.3492

■ 52.4912, 0.3833,
0.3444

■ 61.8252, 0.3568,
0.3395

■ 72.5203, 0.3348,
0.3346

■ 84.6281, 0.3168,
0.3301

Harmonies

Analogous

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



21.6707, 0.5581, 0.2692



21.6707, 0.6077, 0.3480



21.6707, 0.5490, 0.4430

Triad

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



21.6707, 0.6077, 0.3480



21.6707, 0.1858, 0.5447



21.6707, 0.1451, 0.1265

Complementary

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



21.6707, 0.6077, 0.3480



48.6654, 0.2108, 0.2757

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.



21.6707, 0.0975, 0.1373



21.6707, 0.6077, 0.3480



21.6707, 0.1088, 0.3293

Square

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



21.6707, 0.6077, 0.3480



21.6707, 0.3048, 0.6369



21.6707, 0.0852, 0.1923



21.6707, 0.2439, 0.1468

Rectangle

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



21.6707, 0.6077, 0.3480



21.6707, 0.4771, 0.5206



21.6707, 0.0852, 0.1923



21.6707, 0.1246, 0.1264

Sweetspot

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



21.6720, 0.6077, 0.3480



64.2361, 0.3709, 0.3422



23.4789, 0.3646, 0.1808



12.8038, 0.3829, 0.3444



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.



21.6720, 0.6077, 0.3480



23.1139, 0.6245, 0.3423



46.2460, 0.4856, 0.4480



16.2067, 0.3289, 0.3332



11.1839, 0.6219, 0.3444



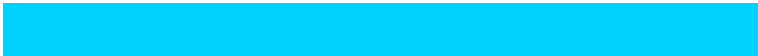
1.0571, 0.5985, 0.3630

Inverse Universe

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



48.6654, 0.2108, 0.2757



53.4618, 0.2086, 0.2708



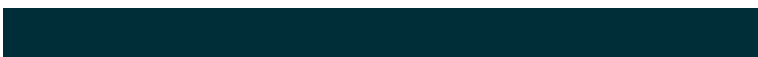
14.1838, 0.1678, 0.1191



17.4300, 0.2981, 0.3248



25.7115, 0.2089, 0.2721



2.2614, 0.2112, 0.2804

Previews

White Background



This preview shows how the Yxy color 21.6707, 0.6077, 0.3480 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 21.6707, 0.6077, 0.3480 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 21.6707, 0.6077, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 21.6707, 0.6077, 0.3480.

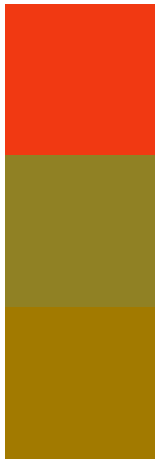


This preview shows how white text looks on a background with the Yxy color 21.6707, 0.6077, 0.3480.

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

21.6707, 0.6077, 0.3480

Protanopia

21.7572, 0.4252, 0.4703

Deuteranopia

21.6004, 0.4703, 0.4648



Tritanopia

21.7914, 0.5835, 0.3292

Trichromacy



Original Color

21.6707, 0.6077, 0.3480

Protanomaly

19.3729, 0.5068, 0.4149

Deuteranomaly

19.8271, 0.5352, 0.4098

Tritanomaly

21.7768, 0.5949, 0.3374

Monochromacy



Original Color

21.6707, 0.6077, 0.3480

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.7207, 0.4439, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6707, 0.6077, 0.3480 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(241, 57, 18)` looks like.

```
.text, #text, p{  
    color:rgb(241, 57, 18)  
}
```

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(241, 57, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 57, 18) }
```

Border

The CSS property to change the border of an element to Yxy 21.6707, 0.6077, 0.3480 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(241, 57, 18) }
```

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

```
.border{ border-color:rgb(241, 57, 18) }
```

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

Here you see how a box with a 4 pixel rgb(241, 57, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 57, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 57, 18);  
box-shadow:4px 4px 4px 4px rgb(241, 57,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6707, 0.6077, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 57, 18) }
```

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

```
.background{ background-color: rgb(241, 57,  
18) }
```

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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