

Converting Colors

$Y_{xy}(22.1491, 0.6085, 0.3392)$

Have a look what the booklet for
Yxy(22.1491, 0.6085, 0.3392)
contains.

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Color

Yxy(22.1491, 0.6085, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	F7321E
RGB	247, 50, 30
RGB Percent	97%, 20%, 12%
CMY	0.0314, 0.8039, 0.8820
CMYK	0.00, 0.80, 0.88, 0.03
HSL	6°, 93%, 54%
HSV	6°, 88%, 97%
XYZ	39.7339, 22.1491, 3.4151
YIQ	106.6230, 123.8320, 35.5440

Conversions

Conversions Part 2

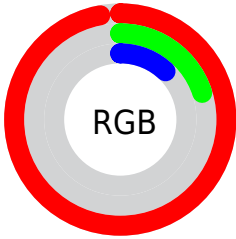
Format	Color
RYB	247, 52, 30
Decimal	16200222
CIELab	54.18, 71.34, 57.94
CIELCh	54, 91.902, 39.080
Yxy	22.1491, 0.6085, 0.3392
Android (android.graphics.Color)	4294390302 (0xFFFF7321E)
YUV	106.6230, -37.7751, 123.1106
Hunter-Lab	47.0628, 68.3427, 28.6416

Details

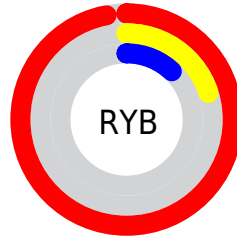
The Yxy color **22.1491, 0.6085, 0.3392** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **61.9731, 0.2193, 0.3032**, and the grayscale version is **14.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8591, 0.5183, 0.3606**, and **9.8238, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **20.5967, 0.6310, 0.3350**, and if you desaturate by 10%, it is **24.7401, 0.5724, 0.3421**.

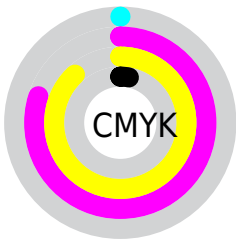
Distribution



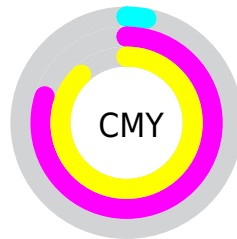
- Red (97%)
- Green (20%)
- Blue (12%)



- Red (97%)
- Yellow (20%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (88%)
- Black (3%)




- Cyan (3%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1491, 0.6085, 0.3392 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 22.1491, 0.6085, 0.3392 by changing the saturation by 10% instead.


 22.1491, 0.6085,
0.3392


 22.1491, 0.6085,
0.3392


263.3239, 0.4537,
0.3554


 13.9665, 0.6430,
0.3264


 46.9923, 0.5539,
0.3515


 8.0974, 0.6890,
0.3083


 64.4217, 0.5326,
0.3542

 4.1573, 0.7279,
0.2721

 85.7021, 0.5144,
0.3556

 1.7619, 0.7791,
0.2209

 111.2180, 0.4987,
0.3563

 0.4633, 0.8670,
0.1330

 141.3537, 0.4851,
0.3564


 0.0000, 1.0000,
0.0000


 176.4937, 0.4733,

 0.0000, 0.0000,

0.3563


0.0000

 217.0223, 0.4629,
0.3559

 22.1491, 0.6085,
0.3392


 22.1491, 0.6085,
0.3392


 20.5967, 0.6310,
0.3350


 24.7401, 0.5724,
0.3421

 20.3746, 0.6345,
0.3344

 28.5074, 0.5282,
0.3432


 33.5712, 0.4824,
0.3427

 40.0353, 0.4399,
0.3410

 47.9932, 0.4029,
0.3386

 57.5304, 0.3719,
0.3360

 68.7256, 0.3466,
0.3333

 81.6526, 0.3260,
0.3308

 96.3806, 0.3094,
0.3285

Harmonies

Analogous

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



22.1491, 0.5451, 0.2611



22.1491, 0.6085, 0.3392



22.1491, 0.5584, 0.4313

Triad

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



22.1491, 0.6085, 0.3392



22.1491, 0.1972, 0.5647



22.1491, 0.1380, 0.1261

Complementary

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



22.1491, 0.6085, 0.3392



61.9731, 0.2193, 0.3032

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.



22.1491, 0.0947, 0.1406



22.1491, 0.6085, 0.3392



22.1491, 0.1142, 0.3502

Square

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



22.1491, 0.6085, 0.3392



22.1491, 0.3184, 0.6339



22.1491, 0.0858, 0.2022



22.1491, 0.2303, 0.1432

Rectangle

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



22.1491, 0.6085, 0.3392



22.1491, 0.4897, 0.5078



22.1491, 0.0858, 0.2022



22.1491, 0.1191, 0.1271

Sweetspot

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



22.1505, 0.6085, 0.3392



63.8571, 0.3670, 0.3355



26.3601, 0.3401, 0.1693



12.8408, 0.3768, 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.



22.1505, 0.6085, 0.3392



21.8897, 0.6346, 0.3343



43.8539, 0.4985, 0.4322



16.7271, 0.3291, 0.3312



10.8618, 0.6330, 0.3356



1.0361, 0.6178, 0.3476

Inverse Universe

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



61.9731, 0.2193, 0.3032



64.6963, 0.2165, 0.2994



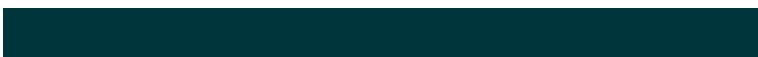
20.5385, 0.1781, 0.1518



18.4822, 0.2981, 0.3268



31.9470, 0.2167, 0.2999



2.8824, 0.2177, 0.3039

Previews

White Background



This preview shows how the Yxy color 22.1491, 0.6085, 0.3392 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 22.1491, 0.6085, 0.3392 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 22.1491, 0.6085, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 22.1491, 0.6085, 0.3392.



This preview shows how white text looks on a background with the Yxy color 22.1491, 0.6085, 0.3392.

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

22.1491, 0.6085, 0.3392

Protanopia

22.2068, 0.4164, 0.4574

Deuteranopia

22.0584, 0.4711, 0.4641



Tritanopia

22.1015, 0.5962, 0.3298

Trichromacy



Original Color

22.1491, 0.6085, 0.3392

Protanomaly

19.4196, 0.5030, 0.4009

Deuteranomaly

19.8592, 0.5395, 0.4044

Tritanomaly

22.1309, 0.6015, 0.3340

Monochromacy



Original Color

22.1491, 0.6085, 0.3392

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.4892, 0.4430, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1491, 0.6085, 0.3392 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(247, 50, 30)` looks like.

```
.text, #text, p{  
    color:rgb(247, 50, 30)  
}
```

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(247, 50, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 50, 30) }
```

Border

The CSS property to change the border of an element to Yxy 22.1491, 0.6085, 0.3392 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(247, 50, 30) }
```

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

```
.border{ border-color:rgb(247, 50, 30) }
```

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

Here you see how a box with a 4 pixel rgb(247, 50, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 50, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 50, 30);  
box-shadow:4px 4px 4px 4px rgb(247, 50,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1491, 0.6085, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 50, 30) }
```

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

```
.background{ background-color: rgb(247, 50,  
30) }
```

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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