

Converting Colors

$Yxy(23.2646, 0.6053, 0.3446)$

Have a look what the booklet for
Yxy(23.2646, 0.6053, 0.3446)
contains.

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Color

Yxy(23.2450, 0.6050, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	F93A1B
RGB	249, 58, 27
RGB Percent	98%, 23%, 11%
CMY	0.0236, 0.7724, 0.8940
CMYK	0.00, 0.77, 0.89, 0.02
HSL	8°, 95%, 54%
HSV	8°, 89%, 98%
XYZ	40.7748, 23.2450, 3.3766
YIQ	111.5750, 123.7870, 30.8510

Conversions

Conversions Part 2

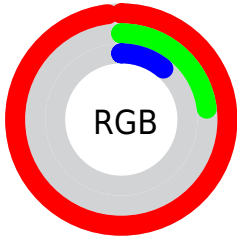
Format	Color
R_{YB}	249, 63, 27
Decimal	16333339
CIE _{Lab}	55.32, 69.67, 60.14
CIE _{LCh}	55, 92.033, 40.801
Yxy	23.2450, 0.6050, 0.3449
Android (android.graphics.Color)	4294523419 (0xFFFF93A1B)
YUV	111.5750, -41.6955, 120.5217
Hunter-Lab	48.2131, 66.5883, 29.5968

Details

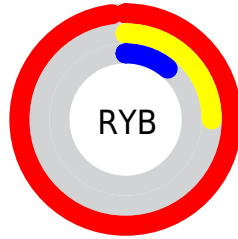
The Yxy color **23.2450, 0.6050, 0.3449** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **57.2063, 0.2150, 0.2886**, and the grayscale version is **16.1757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2288, 0.5149, 0.3679**, and **10.0673, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **21.4413, 0.6278, 0.3389**, and if you desaturate by 10%, it is **26.0429, 0.5700, 0.3492**.

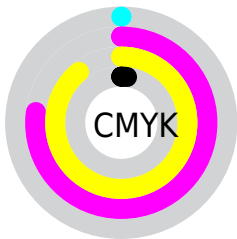
Distribution



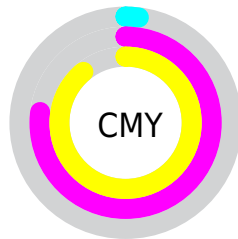
- Red (98%)
- Green (23%)
- Blue (11%)



- Red (98%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (77%)
- Yellow (89%)
- Black (2%)




- Cyan (2%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2450, 0.6050, 0.3449 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 23.2450, 0.6050, 0.3449 by changing the saturation by 10% instead.


 23.2450, 0.6050,
0.3449


 23.2450, 0.6050,
0.3449


268.9809, 0.4537,
0.3584


 14.7745, 0.6381,
0.3328


 48.7953, 0.5521,
0.3563


 8.6613, 0.6823,
0.3157


 66.6439, 0.5313,
0.3586


 4.5209, 0.7190,
0.2810

 88.3874, 0.5135,
0.3597

 1.9690, 0.7681,
0.2319

 114.4100, 0.4981,
0.3601

 0.5894, 0.8448,
0.1552

 145.0963, 0.4847,
0.3600

 0.0000, 1.0000,
0.0000


 180.8306, 0.4730,

 0.0000, 0.0000,

0.3596


0.0000

 221.9974, 0.4628,
0.3591

 23.2450, 0.6050,
0.3449


 23.2450, 0.6050,
0.3449


 21.4413, 0.6278,
0.3389

 26.0429, 0.5700,
0.3492

 21.3264, 0.6294,
0.3385

 29.9545, 0.5274,
0.3508


 35.0839, 0.4832,
0.3500

 41.5218, 0.4418,
0.3474

 49.3499, 0.4054,
0.3439

 58.6436, 0.3747,
0.3400

 69.4727, 0.3492,
0.3361

 81.9024, 0.3284,
0.3323

 95.9942, 0.3114,
0.3287

Harmonies

Analogous

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



23.2450, 0.5490, 0.2665



23.2450, 0.6050, 0.3449



23.2450, 0.5513, 0.4376

Triad

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



23.2450, 0.6050, 0.3449



23.2450, 0.1930, 0.5503



23.2450, 0.1434, 0.1281

Complementary

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



23.2450, 0.6050, 0.3449



57.2063, 0.2150, 0.2886

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.



23.2450, 0.0980, 0.1406



23.2450, 0.6050, 0.3449



23.2450, 0.1134, 0.3391

Square

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



23.2450, 0.6050, 0.3449



23.2450, 0.3124, 0.6316



23.2450, 0.0873, 0.1986



23.2450, 0.2385, 0.1468

Rectangle

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



23.2450, 0.6050, 0.3449



23.2450, 0.4816, 0.5132



23.2450, 0.0873, 0.1986



23.2450, 0.1237, 0.1285

Sweetspot

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



23.2464, 0.6050, 0.3449



64.1865, 0.3689, 0.3392



26.0579, 0.3535, 0.1762



12.9574, 0.3784, 0.3405



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.



23.2464, 0.6050, 0.3449



22.4988, 0.6295, 0.3384



48.0758, 0.4890, 0.4420



17.6161, 0.3291, 0.3324



11.5353, 0.6275, 0.3400



1.1840, 0.6085, 0.3550

Inverse Universe

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



57.2063, 0.2150, 0.2886



58.0818, 0.2120, 0.2832



17.8854, 0.1730, 0.1348



19.1708, 0.2980, 0.3256



29.6223, 0.2122, 0.2841



2.8536, 0.2139, 0.2900

Previews

White Background



This preview shows how the Yxy color 23.2450, 0.6050, 0.3449 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 23.2450, 0.6050, 0.3449 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 23.2450, 0.6050, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 23.2450, 0.6050, 0.3449.



This preview shows how white text looks on a background with the Yxy color 23.2450, 0.6050, 0.3449.

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

23.2450, 0.6050, 0.3449

Protanopia

23.3541, 0.4211, 0.4626

Deuteranopia

23.2465, 0.4713, 0.4640



Tritanopia

23.3419, 0.5853, 0.3292

Trichromacy



Original Color

23.2450, 0.6050, 0.3449

Protanomaly

20.7623, 0.5025, 0.4089

Deuteranomaly

21.1996, 0.5349, 0.4089

Tritanomaly

23.3418, 0.5947, 0.3360

Monochromacy



Original Color

23.2450, 0.6050, 0.3449

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9298, 0.4400, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2450, 0.6050, 0.3449 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(249, 58, 27)` looks like.

```
.text, #text, p{  
    color:rgb(249, 58, 27)  
}
```

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(249, 58, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 58, 27) }
```

Border

The CSS property to change the border of an element to Yxy 23.2450, 0.6050, 0.3449 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(249, 58, 27) }
```

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

```
.border{ border-color:rgb(249, 58, 27) }
```

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

Here you see how a box with a 4 pixel rgb(249, 58, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 58, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 58, 27);  
box-shadow:4px 4px 4px 4px rgb(249, 58,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2450, 0.6050, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 58, 27) }
```

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

```
.background{ background-color: rgb(249, 58,  
27) }
```

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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