

Converting Colors

$Y_{xy}(24.4881, 0.5936, 0.3556)$

Have a look what the booklet for
Yxy(24.4881, 0.5936, 0.3556)
contains.

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Color

Yxy(24.4791, 0.5936, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	F74819
RGB	247, 72, 25
RGB Percent	97%, 28%, 10%
CMY	0.0314, 0.7176, 0.9021
CMYK	0.00, 0.71, 0.90, 0.03
HSL	13°, 93%, 53%
HSV	13°, 90%, 97%
XYZ	40.8513, 24.4791, 3.4891
YIQ	118.9670, 119.3870, 22.4830

Conversions

Conversions Part 2

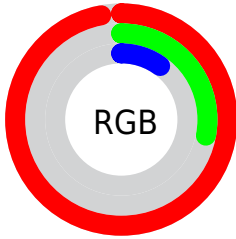
Format	Color
R_{YB}	247, 85, 25
Decimal	16205849
CIE _{Lab}	56.56, 64.56, 61.59
CIE _{LCh}	57, 89.220, 43.651
Yxy	24.4791, 0.5936, 0.3557
Android (android.graphics.Color)	4294395929 (0xFFFF74819)
YUV	118.9670, -46.3257, 112.2849
Hunter-Lab	49.4764, 60.7989, 30.4522

Details

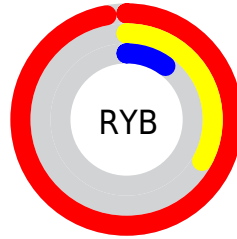
The Yxy color **24.4791, 0.5936, 0.3557** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **48.2089, 0.2086, 0.2658**, and the grayscale version is **18.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7611, 0.5058, 0.3777**, and **9.8238, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.2799, 0.6179, 0.3475**, and if you desaturate by 10%, it is **27.5658, 0.5596, 0.3612**.

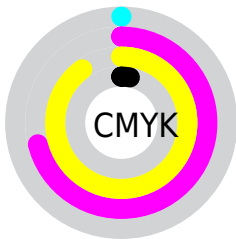
Distribution



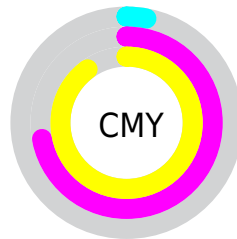
- Red (97%)
- Green (28%)
- Blue (10%)



- Red (97%)
- Yellow (33%)
- Blue (10%)



- Cyan (0%)
- Magenta (71%)
- Yellow (90%)
- Black (3%)




- Cyan (3%)
- Magenta (72%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4791, 0.5936, 0.3557 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 24.4791, 0.5936, 0.3557 by changing the saturation by 10% instead.


 24.4791, 0.5936,
0.3557


 24.4791, 0.5936,
0.3557


275.2338, 0.4493,
0.3629


 15.6894, 0.6249,
0.3454


 50.8109, 0.5434,
0.3646


 9.3046, 0.6661,
0.3303


 69.1218, 0.5236,
0.3660

 4.9404, 0.7013,
0.2987

 91.3752, 0.5066,
0.3664

 2.2123, 0.7473,
0.2527

 117.9555, 0.4919,
0.3662

 0.7267, 0.8160,
0.1840

 149.2471, 0.4791,
0.3656


 0.0000, 1.0000,
0.0000

 185.6345, 0.4679,

 0.0000, 0.0000,


0.3648


0.0000


 227.5019, 0.4581,
0.3639

 24.4791, 0.5936,
0.3557

 24.4791, 0.5936,
0.3557


 22.2799, 0.6179,
0.3475


 27.5658, 0.5596,
0.3612


 22.2610, 0.6181,
0.3474

 31.6302, 0.5195,
0.3628


 36.7508, 0.4781,
0.3612


 42.9966, 0.4392,
0.3572

 50.4305, 0.4047,
0.3519

 59.1106, 0.3751,
0.3460

 69.0912, 0.3502,
0.3401

 80.4231, 0.3296,
0.3343

 93.1547, 0.3126,
0.3289

Harmonies

Analogous

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



24.4791, 0.5490, 0.2773



24.4791, 0.5936, 0.3557



24.4791, 0.5368, 0.4480

Triad

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



24.4791, 0.5936, 0.3557



24.4791, 0.1896, 0.5208



24.4791, 0.1553, 0.1344

Complementary

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



24.4791, 0.5936, 0.3557



48.2089, 0.2086, 0.2658

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.



24.4791, 0.1065, 0.1441



24.4791, 0.5936, 0.3557



24.4791, 0.1160, 0.3231

Square

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



24.4791, 0.5936, 0.3557



24.4791, 0.3047, 0.6189



24.4791, 0.0933, 0.1963



24.4791, 0.2537, 0.1557

Rectangle

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



24.4791, 0.5936, 0.3557



24.4791, 0.4676, 0.5198



24.4791, 0.0933, 0.1963



24.4791, 0.1344, 0.1340

Sweetspot

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



24.4806, 0.5936, 0.3557



66.4631, 0.3675, 0.3443



24.7607, 0.3728, 0.1867



13.4805, 0.3766, 0.3464



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.



24.4806, 0.5936, 0.3557



23.9013, 0.6183, 0.3472



52.6449, 0.4745, 0.4548



17.0515, 0.3288, 0.3341



11.9382, 0.6155, 0.3495



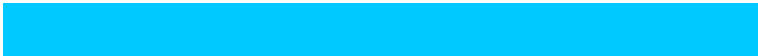
1.1926, 0.5923, 0.3679

Inverse Universe

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



48.2089, 0.2086, 0.2658



48.9782, 0.2050, 0.2579



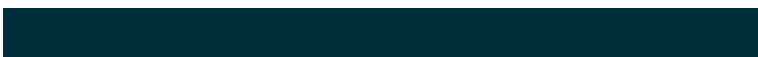
14.5022, 0.1676, 0.1159



18.1268, 0.2980, 0.3239



24.3278, 0.2054, 0.2593



2.2836, 0.2081, 0.2690

Previews

White Background



This preview shows how the Yxy color 24.4791, 0.5936, 0.3557 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 24.4791, 0.5936, 0.3557 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 24.4791, 0.5936, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 24.4791, 0.5936, 0.3557.



This preview shows how white text looks on a background with the Yxy color 24.4791, 0.5936, 0.3557.

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

24.4791, 0.5936, 0.3557

Protanopia

24.5407, 0.4252, 0.4671

Deuteranopia

24.4712, 0.4714, 0.4639



Tritanopia

24.5329, 0.5604, 0.3282

Trichromacy



Original Color

24.4791, 0.5936, 0.3557

Protanomaly

22.4964, 0.4970, 0.4187

Deuteranomaly

22.8870, 0.5266, 0.4161

Tritanomaly

24.4790, 0.5764, 0.3399

Monochromacy



Original Color

24.4791, 0.5936, 0.3557

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2656, 0.4308, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4791, 0.5936, 0.3557 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, 72, 25)` looks like.

```
.text, #text, p{  
  color:rgb(247, 72, 25)  
}
```

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, 72, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 72, 25) }
```

Border

The CSS property to change the border of an element to Yxy 24.4791, 0.5936, 0.3557 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, 72, 25) }
```

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

```
.border{ border-color:rgb(247, 72, 25) }
```

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

Here you see how a box with a 4 pixel rgb(247, 72, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 72, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 72, 25);  
box-shadow:4px 4px 4px 4px rgb(247, 72,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4791, 0.5936, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 72, 25) }
```

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

```
.background{ background-color: rgb(247, 72,  
25) }
```

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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