

Converting Colors

Yxy(24.7156, 0.5832, 0.3549)

Have a look what the booklet for
Yxy(24.7156, 0.5832, 0.3549)
contains.

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Color

Yxy(24.7087, 0.5830, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	F54C24
RGB	245, 76, 36
RGB Percent	96%, 30%, 14%
CMY	0.0393, 0.7018, 0.8589
CMYK	0.00, 0.69, 0.85, 0.04
HSL	11°, 91%, 55%
HSV	11°, 85%, 96%
XYZ	40.5551, 24.7087, 4.2990
YIQ	121.9710, 113.5640, 23.3880

Conversions

Conversions Part 2

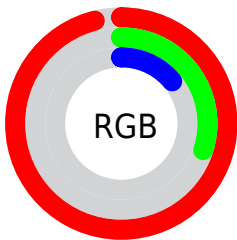
Format	Color
R_{YB}	245, 85, 36
Decimal	16075812
CIE _{Lab}	56.79, 62.67, 57.40
CIE _{LCh}	57, 84.981, 42.487
Yxy	24.7087, 0.5830, 0.3552
Android (android.graphics.Color)	4294265892 (0xFFFF54C24)
YUV	121.9710, -42.3837, 107.8964
Hunter-Lab	49.7078, 58.6439, 29.6678

Details

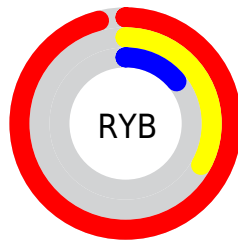
The Yxy color **24.7087, 0.5830, 0.3552** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **50.5967, 0.2124, 0.2754**, and the grayscale version is **19.5689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9821, 0.4945, 0.3747**, and **9.7033, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **22.2855, 0.6116, 0.3482**, and if you desaturate by 10%, it is **28.0767, 0.5451, 0.3589**.

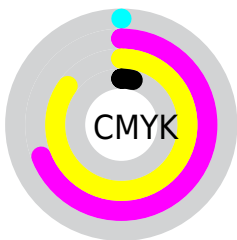
Distribution



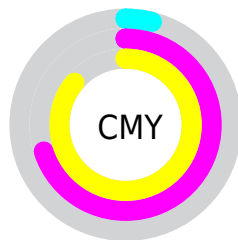
- Red (96%)
- Green (30%)
- Blue (14%)



- Red (96%)
- Yellow (33%)
- Blue (14%)



- Cyan (0%)
- Magenta (69%)
- Yellow (85%)
- Black (4%)



- Cyan (4%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7087, 0.5830, 0.3552 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 24.7087, 0.5830, 0.3552 by changing the saturation by 10% instead.


 24.7087, 0.5830,
0.3552


 24.7087, 0.5830,
0.3552


276.3841, 0.4425,
0.3601


 15.8602, 0.6147,
0.3462

 51.1843, 0.5333,
0.3626

 9.4253, 0.6537,
0.3315


 69.5801, 0.5140,
0.3636


 5.0196, 0.6957,
0.3043

 91.9271, 0.4975,
0.3638

 2.2588, 0.7408,
0.2592

 118.6097, 0.4833,
0.3635

 0.7517, 0.8082,
0.1918

 150.0123, 0.4710,
0.3628

 0.0000, 1.0000,
0.0000

 186.5193, 0.4602,

 0.0000, 0.0000,

0.3620

0.0000

228.5151, 0.4508,
0.3611

24.7087, 0.5830,
0.3552

24.7087, 0.5830,
0.3552

22.2855, 0.6116,
0.3482

28.0767, 0.5451,
0.3589


21.4386, 0.6216,
0.3446

32.4729, 0.5031,
0.3591

37.9758, 0.4617,
0.3566

44.6549, 0.4239,
0.3524

52.5740, 0.3911,
0.3473

 61.7920, 0.3634,
0.3419

 72.3643, 0.3404,
0.3366

 84.3426, 0.3214,
0.3315

 97.6817, 0.3066,
0.3283

Harmonies

Analogous

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



24.7087, 0.5339, 0.2779



24.7087, 0.5830, 0.3552



24.7087, 0.5342, 0.4443

Triad

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



24.7087, 0.5830, 0.3552



24.7087, 0.2002, 0.5161



24.7087, 0.1584, 0.1405

Complementary

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



24.7087, 0.5830, 0.3552



50.5967, 0.2124, 0.2754

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.



24.7087, 0.1118, 0.1517



24.7087, 0.5830, 0.3552



24.7087, 0.1253, 0.3313

Square

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



24.7087, 0.5830, 0.3552



24.7087, 0.3132, 0.6042



24.7087, 0.1003, 0.2059



24.7087, 0.2520, 0.1602

Rectangle

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



24.7087, 0.5830, 0.3552



24.7087, 0.4694, 0.5117



24.7087, 0.1003, 0.2059



24.7087, 0.1384, 0.1405

Sweetspot

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



24.7102, 0.5830, 0.3552



66.8836, 0.3653, 0.3423



25.1590, 0.3647, 0.1854



13.5384, 0.3745, 0.3442



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.



24.7102, 0.5830, 0.3552



23.4455, 0.6219, 0.3444



51.6969, 0.4719, 0.4513



16.9963, 0.3289, 0.3336



11.6999, 0.6192, 0.3465



1.1640, 0.5966, 0.3645

Inverse Universe

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



50.5967, 0.2124, 0.2754



51.4270, 0.2070, 0.2651



16.5013, 0.1732, 0.1301



18.1864, 0.2980, 0.3244



25.5170, 0.2073, 0.2664



2.3782, 0.2098, 0.2751

Previews

White Background



This preview shows how the Yxy color 24.7087, 0.5830, 0.3552 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 24.7087, 0.5830, 0.3552 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 24.7087, 0.5830, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 24.7087, 0.5830, 0.3552.



This preview shows how white text looks on a background with the Yxy color 24.7087, 0.5830, 0.3552.

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

24.7087, 0.5830, 0.3552

Protanopia

24.9026, 0.4175, 0.4584

Deuteranopia

24.8495, 0.4710, 0.4642



Tritanopia

24.7356, 0.5504, 0.3273

Trichromacy



Original Color

24.7087, 0.5830, 0.3552

Protanomaly

22.8978, 0.4854, 0.4136

Deuteranomaly

23.3230, 0.5227, 0.4175

Tritanomaly

24.6948, 0.5653, 0.3386

Monochromacy



Original Color

24.7087, 0.5830, 0.3552

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0740, 0.4211, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7087, 0.5830, 0.3552 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(245, 76, 36)` looks like.

```
.text, #text, p{  
  color:rgb(245, 76, 36)  
}
```

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(245, 76, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 76, 36) }
```

Border

The CSS property to change the border of an element to Yxy 24.7087, 0.5830, 0.3552 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(245, 76, 36) }
```

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

```
.border{ border-color:rgb(245, 76, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 76, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 76, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 76, 36);  
box-shadow:4px 4px 4px 4px rgb(245, 76,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7087, 0.5830, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 76, 36) }
```

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

```
.background{ background-color: rgb(245, 76,  
36) }
```

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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