

Converting Colors

$Yxy(24.3750, 0.5469, 0.3743)$

Have a look what the booklet for
Yxy(24.3750, 0.5469, 0.3743)
contains.

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Color

Yxy(24.3664, 0.5469, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	E15F2B
RGB	225, 95, 43
RGB Percent	88%, 37%, 17%
CMY	0.1176, 0.6275, 0.8313
CMYK	0.00, 0.58, 0.81, 0.12
HSL	17°, 75%, 53%
HSV	17°, 81%, 88%
XYZ	35.5834, 24.3664, 5.1140
YIQ	127.9420, 94.1720, 11.3880

Conversions

Conversions Part 2

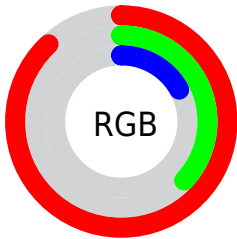
Format	Color
R _Y B	225, 116, 43
Decimal	14769963
CIE Lab	56.45, 48.07, 52.76
CIE LCh	56, 71.371, 47.665
Yxy	24.3664, 0.5469, 0.3745
Android (android.graphics.Color)	4292960043 (0xFFE15F2B)
YUV	127.9420, -41.8764, 85.1199
Hunter-Lab	49.3623, 42.2897, 28.4111

Details

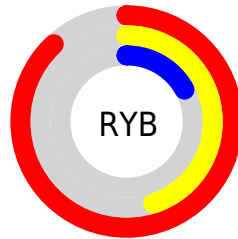
The Yxy color **24.3664, 0.5469, 0.3745** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **35.8500, 0.2080, 0.2525**, and the grayscale version is **21.6890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5452, 0.4758, 0.3839**, and **9.2673, 0.6054, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **21.6426, 0.5789, 0.3687**, and if you desaturate by 10%, it is **27.7814, 0.5100, 0.3757**.

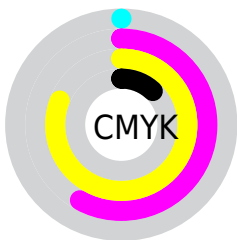
Distribution



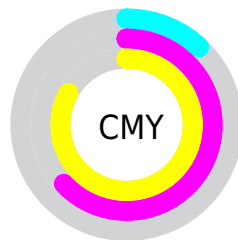
- Red (88%)
- Green (37%)
- Blue (17%)



- Red (88%)
- Yellow (45%)
- Blue (17%)



- Cyan (0%)
- Magenta (58%)
- Yellow (81%)
- Black (12%)



- Cyan (12%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3664, 0.5469, 0.3745 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 24.3664, 0.5469, 0.3745 by changing the saturation by 10% instead.


 24.3664, 0.5469,
0.3745


 24.3664, 0.5469,
0.3745


274.6677, 0.4230,
0.3647


 15.6056, 0.5762,
0.3703


 50.6275, 0.5022,
0.3754

 9.2455, 0.6116,
0.3609


 68.8965, 0.4851,
0.3743

 4.9017, 0.6568,
0.3432

 91.1039, 0.4706,
0.3728

 2.1897, 0.6975,
0.3025

 117.6338, 0.4582,
0.3712

 0.7144, 0.7639,
0.2361

 148.8707, 0.4476,
0.3695

 0.0000, 1.0000,
0.0000

 185.1991, 0.4383,

 0.0000, 0.0000,

0.3678

0.0000

227.0033, 0.4302,
0.3662

■ 24.3664, 0.5469,
0.3745

■ 24.3664, 0.5469,
0.3745

■ 21.6426, 0.5789,
0.3687

■ 27.7814, 0.5100,
0.3757

■ 19.7071, 0.6018,
0.3604

■ 31.9305, 0.4721,
0.3729

■ 36.8574, 0.4361,
0.3674

■ 42.6009, 0.4037,
0.3603

■ 49.1971, 0.3755,
0.3524

■ 56.6797, 0.3514,
0.3445

■ 65.0809, 0.3311,
0.3368

■ 74.4308, 0.3141,
0.3296

■ 84.7583, 0.2998,
0.3229

Harmonies

Analogous

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



24.3664, 0.5152, 0.3002



24.3664, 0.5469, 0.3745



24.3664, 0.5006, 0.4565

Triad

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



24.3664, 0.5469, 0.3745



24.3664, 0.2041, 0.4582



24.3664, 0.1883, 0.1620

Complementary

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



24.3664, 0.5469, 0.3745



35.8500, 0.2080, 0.2525

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.



24.3664, 0.1378, 0.1684



24.3664, 0.5469, 0.3745



24.3664, 0.1416, 0.3111

Square

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



24.3664, 0.5469, 0.3745



24.3664, 0.3032, 0.5558



24.3664, 0.1223, 0.2124



24.3664, 0.2806, 0.1849

Rectangle

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



24.3664, 0.5469, 0.3745



24.3664, 0.4430, 0.5115



24.3664, 0.1223, 0.2124



24.3664, 0.1671, 0.1607

Sweetspot

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



24.3678, 0.5469, 0.3745



71.8737, 0.3589, 0.3471



20.7729, 0.3874, 0.2037



14.6217, 0.3676, 0.3500



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.



24.3678, 0.5469, 0.3745



26.7679, 0.5961, 0.3624



51.1259, 0.4465, 0.4662



14.3349, 0.3285, 0.3358



11.5273, 0.5990, 0.3626



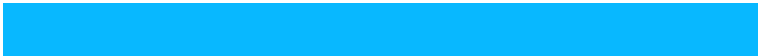
0.9491, 0.5685, 0.3868

Inverse Universe

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



35.8500, 0.2080, 0.2525



41.6970, 0.1988, 0.2345



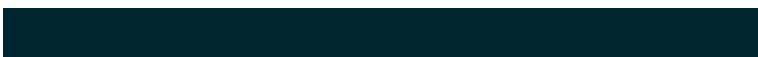
12.0527, 0.1724, 0.1178



14.8762, 0.2982, 0.3221



17.9766, 0.1982, 0.2336



1.3965, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 24.3664, 0.5469, 0.3745 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 24.3664, 0.5469, 0.3745 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 24.3664, 0.5469, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 24.3664, 0.5469, 0.3745.



This preview shows how white text looks on a background with the Yxy color 24.3664, 0.5469, 0.3745.

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

24.3664, 0.5469, 0.3745

Protanopia

24.4540, 0.4138, 0.4552

Deuteranopia

24.4574, 0.4605, 0.4525



Tritanopia

24.3019, 0.4964, 0.3233

Trichromacy



Original Color

24.3664, 0.5469, 0.3745

Protanomaly

23.3700, 0.4659, 0.4225

Deuteranomaly

23.9203, 0.4957, 0.4212

Tritanomaly

24.1727, 0.5189, 0.3445

Monochromacy



Original Color

24.3664, 0.5469, 0.3745

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1404, 0.3998, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3664, 0.5469, 0.3745 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(225, 95, 43)` looks like.

```
.text, #text, p{  
    color:rgb(225, 95, 43)  
}
```

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(225, 95, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 95, 43) }
```

Border

The CSS property to change the border of an element to Yxy 24.3664, 0.5469, 0.3745 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(225, 95, 43) }
```

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

```
.border{ border-color:rgb(225, 95, 43) }
```

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

Here you see how a box with a 4 pixel rgb(225, 95, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 95, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 95, 43);  
box-shadow:4px 4px 4px 4px rgb(225, 95,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3664, 0.5469, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 95, 43) }
```

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

```
.background{ background-color: rgb(225, 95,  
43) }
```

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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