

Converting Colors

Yxy(24.6606, 0.5507, 0.3846)

Have a look what the booklet for
Yxy(24.6606, 0.5507, 0.3846)
contains.

Yxy(24.6764, 0.5510, 0.3847)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.6764, 0.5510, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	E0621E
RGB	224, 98, 30
RGB Percent	88%, 38%, 12%
CMY	0.1215, 0.6157, 0.8826
CMYK	0.00, 0.56, 0.87, 0.12
HSL	21°, 76%, 50%
HSV	21°, 87%, 88%
XYZ	35.3436, 24.6764, 4.1245
YIQ	127.9220, 96.9240, 5.5640

Conversions

Conversions Part 2

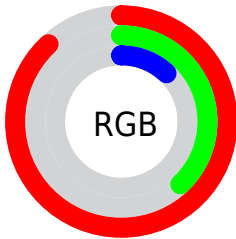
Format	Color
R_{YB}	224, 135, 30
Decimal	14705182
CIE _{Lab}	56.76, 45.94, 58.28
CIE _{LCh}	57, 74.205, 51.754
Yxy	24.6764, 0.5510, 0.3847
Android (android.graphics.Color)	4292895262 (0xFFE0621E)
YUV	127.9220, -48.2755, 84.2604
Hunter-Lab	49.6753, 40.0696, 29.8500

Details

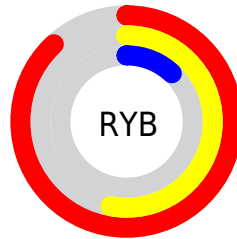
The Yxy color **24.6764, 0.5510, 0.3847** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **29.4162, 0.1988, 0.2261**, and the grayscale version is **21.7021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3257, 0.4820, 0.3957**, and **9.4538, 0.5993, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **22.1218, 0.5774, 0.3766**, and if you desaturate by 10%, it is **27.8090, 0.5190, 0.3877**.

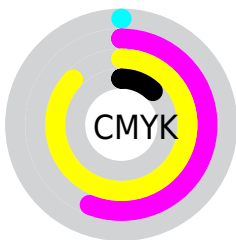
Distribution



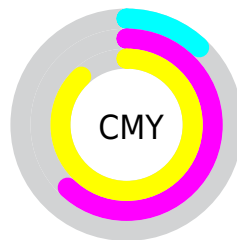
- Red (88%)
- Green (38%)
- Blue (12%)



- Red (88%)
- Yellow (53%)
- Blue (12%)



- Cyan (0%)
- Magenta (56%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6764, 0.5510, 0.3847 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 24.6764, 0.5510, 0.3847 by changing the saturation by 10% instead.


 24.6764, 0.5510,
0.3847


 24.6764, 0.5510,
0.3847

276.2225, 0.4272,
0.3716


 15.8361, 0.5789,
0.3804


 51.1318, 0.5072,
0.3851

 9.4083, 0.6140,
0.3720


 69.5156, 0.4902,
0.3836


 5.0084, 0.6495,
0.3505

 91.8495, 0.4756,
0.3817

 2.2522, 0.6887,
0.3113

 118.5178, 0.4631,
0.3796

 0.7482, 0.7523,
0.2477

 149.9048, 0.4523,
0.3775

 0.0000, 1.0000,
0.0000

 186.3950, 0.4428,

 0.0000, 0.0000,

0.3754

0.0000

228.3728, 0.4345,
0.3734

24.6764, 0.5510,
0.3847

24.6764, 0.5510,
0.3847

22.1218, 0.5774,
0.3766

27.8090, 0.5190,
0.3877


21.3773, 0.5853,
0.3734

31.5555, 0.4843,
0.3859

35.9522, 0.4499,
0.3804


41.0312, 0.4177,
0.3724

46.8221, 0.3889,
0.3632

 53.3523, 0.3636,
0.3535

 60.6482, 0.3419,
0.3439

 68.7343, 0.3234,
0.3348

 77.6343, 0.3077,
0.3262

Harmonies

Analogous

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



24.6764, 0.5319, 0.3083



24.6764, 0.5510, 0.3847



24.6764, 0.4936, 0.4699

Triad

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



24.6764, 0.5510, 0.3847



24.6764, 0.1888, 0.4422



24.6764, 0.1950, 0.1594

Complementary

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



24.6764, 0.5510, 0.3847



29.4162, 0.1988, 0.2261

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.



24.6764, 0.1383, 0.1614



24.6764, 0.5510, 0.3847



24.6764, 0.1318, 0.2920

Square

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



24.6764, 0.5510, 0.3847



24.6764, 0.2865, 0.5586



24.6764, 0.1179, 0.1995



24.6764, 0.2956, 0.1865

Rectangle

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



24.6764, 0.5510, 0.3847



24.6764, 0.4312, 0.5261



24.6764, 0.1179, 0.1995



24.6764, 0.1715, 0.1567

Sweetspot

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



24.6778, 0.5510, 0.3847



71.9842, 0.3626, 0.3531



19.1772, 0.4152, 0.2140



14.7254, 0.3709, 0.3565



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.



24.6778, 0.5510, 0.3847



28.4768, 0.5866, 0.3725



54.9260, 0.4405, 0.4794



14.4829, 0.3283, 0.3373



12.6378, 0.5826, 0.3756



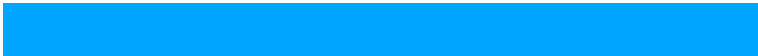
1.0400, 0.5529, 0.3992

Inverse Universe

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



29.4162, 0.1988, 0.2261



34.3358, 0.1910, 0.2075



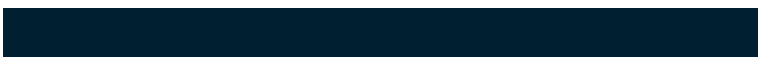
8.7906, 0.1625, 0.0918



14.7210, 0.2982, 0.3206



15.2220, 0.1918, 0.2104



1.2212, 0.1974, 0.2308

Previews

White Background



This preview shows how the Yxy color 24.6764, 0.5510, 0.3847 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 24.6764, 0.5510, 0.3847 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 24.6764, 0.5510, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 24.6764, 0.5510, 0.3847.



This preview shows how white text looks on a background with the Yxy color 24.6764, 0.5510, 0.3847.

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

24.6764, 0.5510, 0.3847

Protanopia

24.8168, 0.4247, 0.4692

Deuteranopia

24.8495, 0.4710, 0.4642



Tritanopia

24.7049, 0.4891, 0.3231

Trichromacy



Original Color

24.6764, 0.5510, 0.3847

Protanomaly

23.8770, 0.4745, 0.4359

Deuteranomaly

24.1875, 0.5053, 0.4322

Tritanomaly

24.4940, 0.5189, 0.3506

Monochromacy



Original Color

24.6764, 0.5510, 0.3847

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2818, 0.4056, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6764, 0.5510, 0.3847 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(224, 98, 30)` looks like.

```
.text, #text, p{  
  color:rgb(224, 98, 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(224, 98, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 98, 30) }
```

Border

The CSS property to change the border of an element to Yxy 24.6764, 0.5510, 0.3847 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(224, 98, 30) }
```

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

```
.border{ border-color:rgb(224, 98, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 98, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 98, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 98, 30);  
box-shadow:4px 4px 4px 4px rgb(224, 98,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6764, 0.5510, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 98, 30) }
```

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

```
.background{ background-color: rgb(224, 98,  
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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