

Converting Colors

$Yxy(24.6766, 0.5357, 0.3539)$

Have a look what the booklet for
Yxy(24.6766, 0.5357, 0.3539)
contains.

Yxy(24.6753, 0.5357, 0.3544)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.6753, 0.5357, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	E65B40
RGB	230, 91, 64
RGB Percent	90%, 36%, 25%
CMY	0.0981, 0.6431, 0.7489
CMYK	0.00, 0.60, 0.72, 0.10
HSL	10°, 77%, 58%
HSV	10°, 72%, 90%
XYZ	37.2984, 24.6753, 7.6518
YIQ	129.4830, 91.5110, 21.0710

Conversions

Conversions Part 2

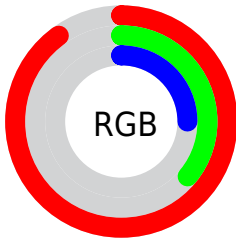
Format	Color
R_{YB}	230, 96, 64
Decimal	15096640
CIE _{Lab}	56.76, 52.45, 42.91
CIE _{LCh}	57, 67.767, 39.287
Yxy	24.6753, 0.5357, 0.3544
Android (android.graphics.Color)	4293286720 (0xFFE65B40)
YUV	129.4830, -32.2831, 88.1534
Hunter-Lab	49.6742, 47.0986, 25.6389

Details

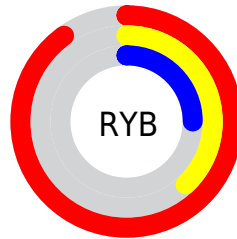
The Yxy color **24.6753, 0.5357, 0.3544** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **49.5193, 0.2225, 0.2918**, and the grayscale version is **22.2259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0100, 0.4597, 0.3628**, and **9.4032, 0.6036, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **21.5849, 0.5762, 0.3520**, and if you desaturate by 10%, it is **28.7213, 0.4925, 0.3540**.

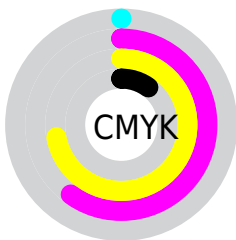
Distribution



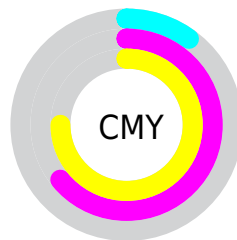
- Red (90%)
- Green (36%)
- Blue (25%)



- Red (90%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6753, 0.5357, 0.3544 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 24.6753, 0.5357, 0.3544 by changing the saturation by 10% instead.


 24.6753, 0.5357,
0.3544


 24.6753, 0.5357,
0.3544


276.2170, 0.4152,
0.3519


 15.8353, 0.5662,
0.3501


 51.1300, 0.4909,
0.3569

 9.4077, 0.6042,
0.3411


 69.5134, 0.4743,
0.3567


 5.0080, 0.6585,
0.3268

 91.8469, 0.4603,
0.3561

 2.2520, 0.7103,
0.2897

 118.5146, 0.4485,
0.3554

 0.7481, 0.7762,
0.2238

 149.9011, 0.4384,
0.3545

 0.0000, 1.0000,
0.0000

 186.3908, 0.4296,

 0.0000, 0.0000,

0.3536

0.0000

228.3679, 0.4220,
0.3528

■ 24.6753, 0.5357,
0.3544

■ 24.6753, 0.5357,
0.3544

■ 21.5849, 0.5762,
0.3520

■ 28.7213, 0.4925,
0.3540

■ 19.3657, 0.6083,
0.3466


■ 33.7895, 0.4510,
0.3514

■ 18.1694, 0.6257,
0.3414

■ 39.9454, 0.4140,
0.3476


■ 47.2477, 0.3823,
0.3431

■ 55.7508, 0.3559,
0.3385

 65.5058, 0.3340,
0.3341

 76.5606, 0.3161,
0.3299

 88.9608, 0.3014,
0.3260

 95.5616, 0.2976,
0.3290

Harmonies

Analogous

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



24.6753, 0.4815, 0.2836



24.6753, 0.5357, 0.3544



24.6753, 0.5116, 0.4315

Triad

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



24.6753, 0.5357, 0.3544



24.6753, 0.2345, 0.4856



24.6753, 0.1762, 0.1673

Complementary

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



24.6753, 0.5357, 0.3544



49.5193, 0.2225, 0.2918

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.



24.6753, 0.1371, 0.1831



24.6753, 0.5357, 0.3544



24.6753, 0.1617, 0.3494

Square

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



24.6753, 0.5357, 0.3544



24.6753, 0.3348, 0.5477



24.6753, 0.1313, 0.2392



24.6753, 0.2538, 0.1818

Rectangle

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



24.6753, 0.5357, 0.3544



24.6753, 0.4642, 0.4845



24.6753, 0.1313, 0.2392



24.6753, 0.1592, 0.1689

Sweetspot

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



24.6767, 0.5357, 0.3544



70.5010, 0.3558, 0.3385



24.9043, 0.3483, 0.1906



14.4295, 0.3625, 0.3398



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.



24.6767, 0.5357, 0.3544



25.6541, 0.5947, 0.3494



46.6611, 0.4544, 0.4391



14.7446, 0.3288, 0.3329



10.4041, 0.6236, 0.3430



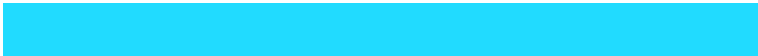
0.8838, 0.5981, 0.3633

Inverse Universe

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



49.5193, 0.2225, 0.2918



58.1720, 0.2139, 0.2828



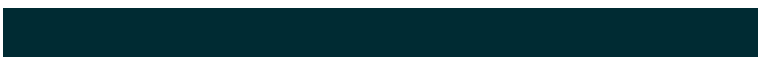
20.7515, 0.1920, 0.1704



15.9164, 0.2981, 0.3251



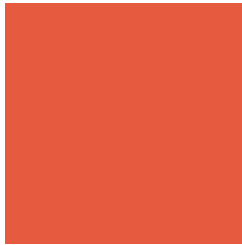
24.8808, 0.2102, 0.2765



1.9456, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 24.6753, 0.5357, 0.3544 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 24.6753, 0.5357, 0.3544 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 24.6753, 0.5357, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 24.6753, 0.5357, 0.3544.



This preview shows how white text looks on a background with the Yxy color 24.6753, 0.5357, 0.3544.

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

24.6753, 0.5357, 0.3544

Protanopia

24.9399, 0.3895, 0.4236

Deuteranopia

24.7968, 0.4413, 0.4330



Tritanopia

24.5956, 0.5043, 0.3236

Trichromacy



Original Color

24.6753, 0.5357, 0.3544

Protanomaly

23.5111, 0.4448, 0.3940

Deuteranomaly

24.0130, 0.4792, 0.3999

Tritanomaly

24.5776, 0.5182, 0.3354

Monochromacy



Original Color

24.6753, 0.5357, 0.3544

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3884, 0.3936, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6753, 0.5357, 0.3544 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(230, 91, 64)` looks like.

```
.text, #text, p{  
    color:rgb(230, 91, 64)  
}
```

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(230, 91, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 91, 64) }
```

Border

The CSS property to change the border of an element to Yxy 24.6753, 0.5357, 0.3544 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(230, 91, 64) }
```

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

```
.border{ border-color:rgb(230, 91, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 91, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 91, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 91, 64);  
box-shadow:4px 4px 4px 4px rgb(230, 91,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6753, 0.5357, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 91, 64) }
```

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

```
.background{ background-color: rgb(230, 91,  
64) }
```

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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