

Converting Colors

$Yxy(21.4143, 0.5647, 0.3514)$

Have a look what the booklet for
Yxy(21.4143, 0.5647, 0.3514)
contains.

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Color

Yxy(21.4143, 0.5647, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	E24B30
RGB	226, 75, 48
RGB Percent	89%, 29%, 19%
CMY	0.1137, 0.7058, 0.8119
CMYK	0.00, 0.67, 0.79, 0.11
HSL	9°, 75%, 54%
HSV	9°, 79%, 89%
XYZ	34.4128, 21.4143, 5.1129
YIQ	117.0710, 98.6630, 23.6150

Conversions

Conversions Part 2

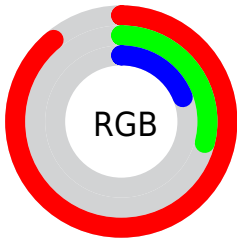
Format	Color
R _{YB}	226, 80, 48
Decimal	14830384
CIE Lab	53.40, 57.23, 47.50
CIE LCh	53, 74.374, 39.693
Yxy	21.4143, 0.5647, 0.3514
Android (android.graphics.Color)	4293020464 (0xFFE24B30)
YUV	117.0710, -34.0520, 95.5307
Hunter-Lab	46.2756, 51.7591, 25.8421

Details

The Yxy color **21.4143, 0.5647, 0.3514** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **46.9457, 0.2190, 0.2908**, and the grayscale version is **17.8980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3371, 0.4876, 0.3632**, and **7.6814, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **19.0537, 0.6003, 0.3472**, and if you desaturate by 10%, it is **24.6554, 0.5224, 0.3528**.

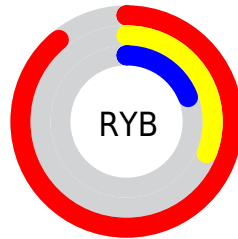
Distribution



Red (89%)

Green (29%)

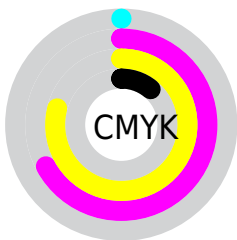
Blue (19%)



Red (89%)

Yellow (31%)

Blue (19%)

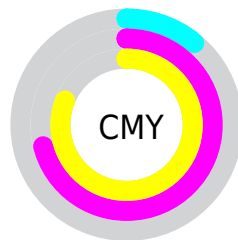


Cyan (0%)

Magenta (67%)

Yellow (79%)

Black (11%)



Cyan (11%)


Magenta (71%)


Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.4143, 0.5647, 0.3514 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 21.4143, 0.5647, 0.3514 by changing the saturation by 10% instead.


 21.4143, 0.5647,
0.3514


 21.4143, 0.5647,
0.3514


259.4721, 0.4278,
0.3540

 13.4272, 0.5985,
0.3438


 45.7760, 0.5142,
0.3571


 7.7234, 0.6401,
0.3298


 62.9194, 0.4952,
0.3577

 3.9184, 0.6943,
0.3057

 83.8837, 0.4793,
0.3576

 1.6280, 0.7441,
0.2559

 109.0533, 0.4658,
0.3572

 0.3764, 0.8495,
0.1505

 138.8125, 0.4542,
0.3565

 0.0000, 1.0000,
0.0000

 173.5458, 0.4442,

 0.0000, 0.0000,

0.3557

0.0000

213.6375, 0.4355,
0.3549

■ 21.4143, 0.5647,
0.3514

■ 21.4143, 0.5647,
0.3514

■ 19.0537, 0.6003,
0.3472

■ 24.6554, 0.5224,
0.3528

■ 17.4777, 0.6247,
0.3409


■ 28.8497, 0.4790,
0.3517

■ 17.3313, 0.6271,
0.3402


■ 34.0665, 0.4385,
0.3488

■ 40.3674, 0.4030,
0.3450

■ 47.8093, 0.3729,
0.3407

 56.4448, 0.3480,
0.3365

 66.3236, 0.3276,
0.3324

 77.4922, 0.3108,
0.3286

 89.9949, 0.2971,
0.3251

Harmonies

Analogous

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



21.4143, 0.5073, 0.2765



21.4143, 0.5647, 0.3514



21.4143, 0.5303, 0.4353

Triad

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



21.4143, 0.5647, 0.3514



21.4143, 0.2194, 0.5118



21.4143, 0.1618, 0.1506

Complementary

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



21.4143, 0.5647, 0.3514



46.9457, 0.2190, 0.2908

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.



21.4143, 0.1200, 0.1655



21.4143, 0.5647, 0.3514



21.4143, 0.1422, 0.3476

Square

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



21.4143, 0.5647, 0.3514



21.4143, 0.3289, 0.5813



21.4143, 0.1124, 0.2237



21.4143, 0.2466, 0.1668

Rectangle

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



21.4143, 0.5647, 0.3514



21.4143, 0.4740, 0.4967



21.4143, 0.1124, 0.2237



21.4143, 0.1437, 0.1518

Sweetspot

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



21.4156, 0.5647, 0.3514



67.9032, 0.3609, 0.3387



22.4173, 0.3521, 0.1846



13.6892, 0.3702, 0.3403



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.



21.4156, 0.5647, 0.3514



23.5310, 0.6182, 0.3428



42.8213, 0.4670, 0.4432



14.0349, 0.3288, 0.3326



9.9956, 0.6251, 0.3418



0.7991, 0.5990, 0.3626

Inverse Universe

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



46.9457, 0.2190, 0.2908



57.5523, 0.2121, 0.2817



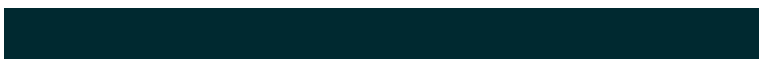
17.3313, 0.1833, 0.1546



15.1990, 0.2982, 0.3253



24.6986, 0.2112, 0.2802



1.8093, 0.2135, 0.2885

Previews

White Background



This preview shows how the Yxy color 21.4143, 0.5647, 0.3514 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 21.4143, 0.5647, 0.3514 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 21.4143, 0.5647, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 21.4143, 0.5647, 0.3514.



This preview shows how white text looks on a background with the Yxy color 21.4143, 0.5647, 0.3514.

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

21.4143, 0.5647, 0.3514

Protanopia

21.5480, 0.4024, 0.4385

Deuteranopia

21.6235, 0.4551, 0.4478



Tritanopia

21.4736, 0.5369, 0.3269

Trichromacy



Original Color

21.4143, 0.5647, 0.3514

Protanomaly

20.1270, 0.4670, 0.4006

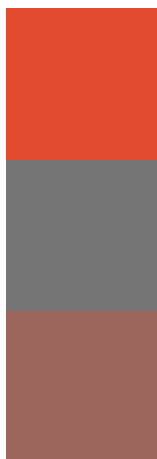
Deuteranomaly

20.5706, 0.5023, 0.4061

Tritanomaly

21.4776, 0.5489, 0.3367

Monochromacy



Original Color

21.4143, 0.5647, 0.3514

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4435, 0.4082, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4143, 0.5647, 0.3514 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(226, 75, 48)` looks like.

```
.text, #text, p{  
  color:rgb(226, 75, 48)  
}
```

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(226, 75, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 75, 48) }
```

Border

The CSS property to change the border of an element to Yxy 21.4143, 0.5647, 0.3514 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(226, 75, 48) }
```

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

```
.border{ border-color:rgb(226, 75, 48) }
```

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

Here you see how a box with a 4 pixel rgb(226, 75, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 75, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 75, 48);  
box-shadow:4px 4px 4px 4px rgb(226, 75,  
48) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.4143, 0.5647, 0.3514$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 75, 48) }
```

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

```
.background{ background-color: rgb(226, 75,  
48) }
```

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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